

LIST OF PUBLICATIONS: PROFESSOR DR ING ANDREA IRIS SCHÄFER

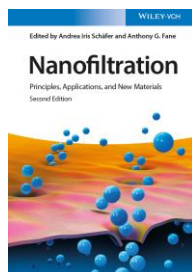
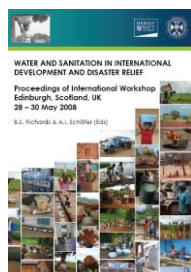
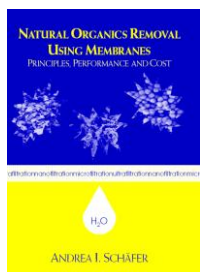
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H-INDEX & CITATION ANALYSIS

ResearcherID (Web of Science, 12/01/2022): 159 items, Sum of Times Cited 7.359; average citations per item 44.9;

H-Index 48

<http://www.researcherid.com/rid/F-6202-2014>

SCOPUS ID

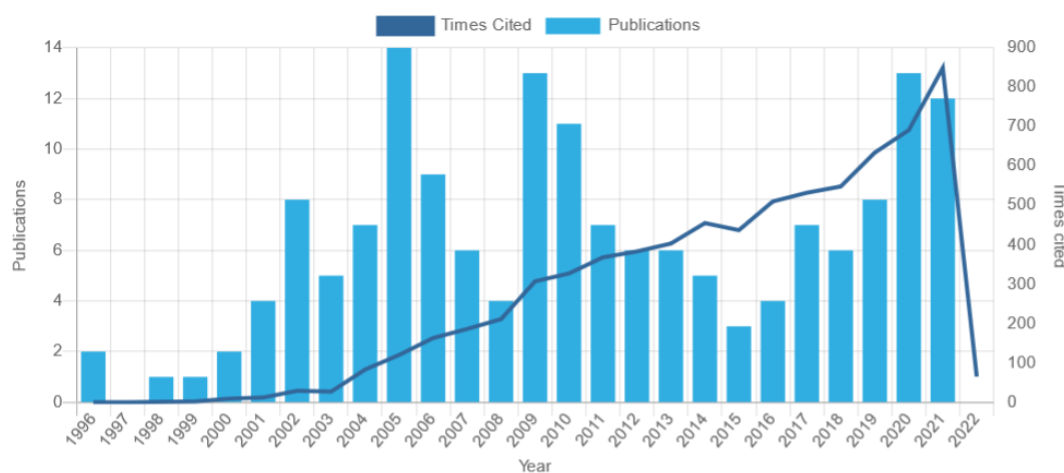
H-index 50

<https://www.scopus.com/authid/detail.uri?authorId=7202243833>

GOOGLE SCHOLAR

H-Index 62 Times Cited 13505;

https://scholar.google.com/citations?hl=en&user=N13juAAAAAJ&pagesize=100&view_op=list_works



PUBLONS ID <https://publons.com/researcher/2530341/andrea-i-schaefer/metrics/>

ORCID ID <https://orcid.org/0000-0002-7019-0327>

AUTHORSHIP POLICY

Our policy with authorship is that the person compiling a first full draft (incl literature research) is listed as first author (this would usually be the person carrying out the experiments and/or analysing the data). The project leader would normally be named last (this may alternate in collaborations), while other authors are usually listed by rank of contribution.

RESEARCH CONDUCT

IAMT subscribes to the 2019 DFG Kodex

https://www.dfg.de/download/pdf/foerderung/rechtliche_rahmenbedingungen/gute_wissenschaftliche_praxis/kodex_gwp_en.pdf.

RESEARCH GATE

Open Access: selected journal publications and book chapters only https://www.researchgate.net/profile/Andrea_Schaefer4

CUMULATIVE IMPACT FACTOR

The cumulative impact factor can be calculated from the sum of the product of number of papers in a particular journal times the impact factor of the journal which is provided below as an overview of relevant journals in the field.

UPDATED SCIENCE-WIDE AUTHOR DATABASES OF STANDARDIZED CITATION INDICATORS

The top cited scholars <https://elsevier.digitalcommonsdata.com/v1/datasets/compare/btchxktzyw/2/1> are analysed and published by Stanford with top 2% of each field as a global ranking of scientists. Relevant Sub Categories Chemical Engineering – Environmental Sciences.

Year	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Total	105026	105000	159683	186177									
Single Year	67482	62468	46689	68532									
Career Rank	-	-	54929	52963									
S/I / C/I	0.64 / -	0.59 / -	0.29 / 0.34	0.37 / 0.28									

JOURNAL RANKING & IMPACT

Journal Ranking: The ranking of a list of relevant journals is given as a guide in the table below. The Web of Knowledge Journal Citation Reports (JCR) Database or <http://www.scijournal.org/index.html> were used. Subject categories environmental engineering, environmental sciences, chemical engineering and water resources are relevant for subject rankings.

Journal Impact Factor	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Nature	36.1	38.6	42.4	41.5	38.1	40.1	41.6	43.1	42.8	50.0	69.5
Science	31.4	31.0	31.5	33.6	34.7	37.2	41.1	41.0	41.8	47.7	63.7
Nature Nanotechnology								33.4	31.5	39.2	40.5
Progress in Material Science								23.7	31.6	39.6	48.2
Energy & Environmental Science	9.6	11.7	15.5	20.5	25.4	29.5	30.1	33.3	30.3	38.5	39.7
J Catalysis B								14.2	16.7	19.5	24.3
Renewable & Sustainable Energy Reviews	6.0	5.6	5.5	5.9	6.8	8.1	9.2	10.6	12.1	15.0	16.8
Science Advances										14.1	14.9
Nature Water										-	
ACS Nano										15.9	18.0
Nature Protocols	8.4	8.0	7.8	9.7	9.6	10.0	12.4	11.3	10.4	13.5	17.0
SMALL	8.3	7.8	7.5	8.4	8.3	8.6	9.6	10.9	11.5	13.3	15.1
Chemical Engineering Journal	3.1	3.5	4.1	4.3	5.3	6.2	6.7	8.4	10.7	13.3	16.7
Advances in Colloid and Interface Science	8.7	6.1	8.6	7.8	7.8	7.2	7.3	8.2	9.9	13.0	15.2
J Materials Chemistry A								10.7	11.3	12.7	14.5
Critical Reviews in Environ. Sci. and Techn.	-	3.4	3.2	3.5	4.0	5.8	7.7	6.0	8.3	12.6	11.7
Water Research	4.5	4.7	5.3	5.5	6.0	6.9	7.1	7.9	9.1	11.2	13.4
J Hazardous Materials	4.2	3.9	4.3	4.5	4.8	6.1	6.4	7.7	9.0	10.6	14.2
Applied Energy	5.0	4.8	5.3	5.6	5.7	7.2	7.9	8.4	8.8	9.7	11.4
Separation and Purification Reviews	2.4	3.2	3.3	2.8	5.8	6.1	4.2	4.7	5.3	9.6	7.8
Desalination	1.9	3.0	4.0	3.8	4.4	5.5	6.6	6.0	7.1	9.5	11.2
npj Nature Clean Water	-	-	-	-	-	-	-	-	4.9	9.4	12.2
ACS Applied Materials & Interfaces	4.5	5.0	5.9	6.7	7.1	7.5	8.1	8.5	8.8	9.2	10.4
Environmental Science & Technology	4.8	5.3	5.5	5.3	5.4	6.2	6.7	7.1	7.9	9.0	11.4
J Membrane Science	3.7	4.1	4.9	5.1	5.6	6.0	6.6	7.0	7.2	8.7	10.5
ACS Sustainable Chemistry and Engineering					5.3	6.0	6.1	7.0	7.6	8.2	9.2
J Colloid Interface Science	3.1	3.2	3.6	3.4	3.8	4.2	5.1	6.4	7.5	8.1	9.9
Environmental Pollution	3.4	3.7	3.9	4.1	4.8	5.1	4.4	5.7	6.8	8.1	9.9
Science of the Total Environment	3.2	3.3	3.2	4.1	4.0	4.9	4.6	5.6	6.6	8.0	10.7
Renewable Energy	2.6	3.0	3.4	3.5	3.4	4.4	4.9	5.4	6.3	8.0	8.6
Environmental Science & Technology Letters	-	-	-	-	4.8	5.3	5.9	6.9	5.3	7.7	11.6
Separation & Purification Technology	2.8	2.9	3.1	3.1	3.3	3.4	3.9	5.1	5.8	7.3	9.1
J Cleaner Production								6.4	7.2	7.2	11.1
Chemosphere	3.2	3.1	3.5	3.3	3.7	4.2	4.4	5.1	5.8	7.1	8.9
J Environmental Management	2.6	3.1	3.2	2.7	3.1	4.0	4.0	4.9	5.6	6.8	8.9
Environmental Research	3.5	3.2	4.0	4.4	3.1	3.8	4.7	5.0	5.7	6.5	8.4
Advanced Materials Interfaces (Wiley)								4.7	4.9	6.1	6.4
Solar Energy	2.2	3.0	3.5	3.5	3.7	4.0	4.4	4.7	4.6	5.7	7.2
Water Resources Research	2.7	3.1	3.7	3.5	3.8	4.4	4.4	4.1	4.3	5.2	6.2
Scientific Reports (Nature)								4.5	4.0	4.4	4.9
Chemical Engineering Science	2.4	2.4	2.6	2.3	2.8	2.9	3.3	3.4	3.9	4.3	4.9
Environmental Science and Pollution Research					2.8	2.7	2.8	2.9	3.1	4.2	5.2
ACS Applied Polymer Materials	-	-	-	-	-	-	-	-	-	4.1	4.9
J Materials Chemistry and Physics			2.1	2.3	2.1	2.1	2.2	2.8	3.4	4.1	4.8
AIChE Journal	2.0	2.5	2.6	2.7	3.0	2.8	3.3	3.5	3.5	4.0	4.2
Langmuir	4.2	4.2	4.4	4.5	4.0	3.8	3.8	3.7	3.6	3.9	4.3
Physical Chemistry Chemical Physics	3.6	3.8	4.2	4.5	4.4	4.1	3.9	3.6	3.4	3.7	3.9
Industrial & Engineering Chemistry Research	2.1	2.2	2.2	2.6	2.6	2.8	3.1	3.4	3.6	3.7	4.3
Environmental Management		1.6	1.6	1.7	1.9	1.9	2.2	2.4	2.6	3.3	3.6
J Chemical Technology & Biotechnology			2.5	2.3	2.7	3.1	2.6	2.7	2.8	3.2	3.7
Environmental Chemistry							2.9	2.2	1.9	3.1	4.2
Current Pharmaceutical Design	3.9	3.3	3.3	3.5	3.1	2.6	2.8	2.4	2.2	3.1	3.3
Separation Science and Technology	1.0	1.2	1.2	1.2	1.1	1.1	1.2	1.4	1.7	2.5	2.8
Environmental Progress & Sustainable Energy		0.9	1.3	1.4	1.6	1.7	1.3	1.6	2.0	2.4	2.8
J Environmental Monitoring	1.8	2.1	2.1	2.2						2.2	2.2
Environmental Engineering Science	0.9	1.2	0.9	1.0	1.5	1.4	1.5	1.6	1.6	1.9	2.2
Water Science & Technology	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.6	1.6	1.9	2.4
Water Environment Research	0.9	1.1	1.0	0.9	0.7	0.9	0.8	1.2	1.2	1.9	3.3
J Water Supply Research and Technology Aqua	0.6	0.6	0.5	0.8	0.8	0.8	1.2	1.1	1.3	1.6	1.7
Int J Environmental Engineering - ASCE	1.1	1.4	1.8	1.3	1.1	1.5	1.4		1.3	1.4	1.8
Desalination Water Treatment		0.9	1.0	1.2	1.3	1.6	1.4	1.2	0.9	1.3	1.2
Membrane Water Treatment		0.3	0.4	0.6		0.7	1.2	1.0	1.0	1.0	1.0

BOOKS, BOOK CHAPTERS, JOURNAL SPECIAL ISSUES AND CONFERENCE PROC

- [B29] Schäfer, A.I. ; Fane, A.G. (Eds.) (2021) **Nanofiltration – Principles, Applications and New Materials**, Wiley VCH, Print ISBN:9783527346905, Online ISBN:9783527824984, doi.org/10.1002/9783527824984.
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- [B23] Kharraz, J. ; Richards, B.S. ; Schäfer, A.I. (2017) **Autonomous solar-powered desalination systems for remote communities**, Chapter 3 in: *Desalination Sustainability: A technical, socio-economical and environmental approach* Arafat H. (Ed), Elsevier, ISBN 978-0-12-809791-5, pages 75-125.
- [B22] Wohlleben, W. ; Punckt, C. ; Aghassi-Hagmann, J. ; Siebers, F. ; Menzel, F. ; Esken, D. ; Drexel, C.-P. ; Zoz, H. ; Benz, H. U. ; Weier, A. ; Hitzler, M. ; Schäfer, A.I. ; De Cola, L. ; Prasetyanto E. A. (2017) **Nanoenabled Products: Categories, Manufacture, and Applications**, Chapter 25 in: *Metrology and Standardization of Nanomaterials: Protocols and Industrial Innovations, First Edition. Part V Nanotechnology-based Products, Applications, and Industry*, Elisabeth Mansfield, Debra L. Kaiser, Daisuke Fujita, and Marcel Van de Voorde (Eds), Wiley-VCH Verlag GmbH & Co. KGaA.
- [B21] Aaron, W. ; Thornton, A.W. ; Ahmed, A. ; Stelzl, K. ; Schäfer, A.I. ; Majumder, M. ; Park H.B. ; Hill, A.J. ; Todd, B.D. (2015) **Ultrafast Transport in Nanotubes and Nanosheets**, Chapter 11 in: *Nanotubes and Nanosheets Functionalization and Applications of Boron Nitride and Other Nanomaterials - CRC Press Book*, 1st edited by Ying (Ian) Chen, CRC Press., ISBN 781466598096.
- [B20] Schäfer, A.I. ; Mitch, W. ; Walewijk, S. ; Teuten, E. ; Reinhard, M. (2010) **Drinking water as a source of human exposure xenobiotics: The case of N-nitrosodimethylamine (NDMA)**, Chapter in: Escobar, I.C. ; Schäfer, A.I. (Eds.) (2010) **Sustainable Water for the Future – Water Recycling versus Desalination**, Sustainability Science and Engineering: Defining Principles, Series Editor Abraham M.A., Elsevier, 203-228.
- [B19] Richards, B.S. ; Schäfer, A.I. (2010) **Renewable Energy Powered Water Treatment Systems**, Chapter 12 in: Escobar, I.C. ; Schäfer, A.I. (Eds.) (2010) **Sustainable Water for the Future – Water Recycling versus Desalination**, Sustainability Science and Engineering: Defining Principles, Series Editor Abraham M.A., Elsevier, 353-374.
- [B18] Escobar, I.C. ; Schäfer, A.I. (Eds.) (2010) **Sustainable Water for the Future – Water Recycling versus Desalination**, Sustainability Science and Engineering: Defining Principles (Hardcover), Series Editor Abraham M.A., Elsevier Science, 444 pp., ISBN-10: 0444531157, ISBN-13: 978-0444531155.
- [B17] Richards, B.S. ; Schäfer, A.I. (Eds.) (2010) **Water and Sanitation in International Development and Disaster Relief**, Desalination, Special Issue, 248.
- [B16] Semião, A.J.C. ; Schäfer, A.I. (2010) **Xenobiotics removal by membrane technology: An overview**, *Xenobiotics in the Urban Water Cycle: Mass Flows, Environmental Processes and Mitigation Strategies*, Bester, K. ; Kümmerer, K. ; Fatta-Kassinos, D. (Eds) (Springer Environmental Book Series, Environmental Pollution, Vol. 16), Springer, Hardcover, ISBN: 978-90-481-3508-0, 480 pp.
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- [B14] Davey, J. ; Schäfer, A.I. ; (2009) **Ultrafiltration to supply safe drinking water in developing countries: A review of opportunities**, in: *Appropriate Technologies for Environmental Protection in the Developing World*, Yanful, E. (Ed), Springer Science + Business Media, Chapter 16, 151-168.
- [B13] Richards, B.S. ; Schäfer, A.I. (Eds.) (2008) **Water and Sanitation in International Development and Disaster Relief**, Proceedings of WSIDDR 2008 Conference. Edinburgh, May 2008, ISBN 978-0-9557497-1-1, 820 pp.

- [B12] Bixio, D. ; Weemaes, M. ; Thoeye, C. ; Ravazzini, A. ; Miska, V. ; de Koning, J. ; Chikurel, H. Aharoni, A. ; Muston, M. ; Khan, S. ; Dollon, P. ; **Schäfer, A.** ; Joksimovic, D. ; Savic, D. ; Wintgens, T. ; Tings, A. ; Kazner, C. ; Lyko, S. ; Melin, T. (2006) **Water Reuse System Management Manual, AQUAREC**, European Commission, ISBN 92-79-01934-1, 646 pp.
- [B11] Integrated Concepts on Water Recycling (2006) Desalination Special Issue, Vol 187 and 188.
- [B10] Khan, S.J. ; Muston, M.H. ; **Schäfer, A.I.** (Eds.) (2005) **Integrated Concepts in Water Recycling**, Proceedings of ICWR 2005 Conference and CD Rom. Wollongong, February 2005, ISBN 1 74128 082 6, 786pp.
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- [B8] Nghiem, L.D. ; **Schäfer, A.I.** (2004) **Trace Contaminant Removal with Nanofiltration**, in: Nanofiltration – Principles and Applications, Schäfer A.I., Waite T.D., Fane A.G. (Eds). Elsevier, Chapter 8, 479-520.
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- [B6] Jacobsen, B.N. ; **Schäfer, A.I.** (Eds.) (2002) **Endocrine Disrupters**, Workshop Proceedings, IWA Specialist Group on Assessment and Control of Hazardous Substances in Water (ACHSW), Melbourne, Australia, April 2002, 62pp, available online from the IWA Website <http://www.iwahq.org.uk/template.cfm?name=edworkshop>
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- [B4] **Schäfer, A.I.** (2001) **Natural Organics Removal using Membranes – Principles, Performance and Cost**, CRC Press, Boca Raton, USA, May 2001, ISBN 1 58716 093 5, 432pp, US\$99.95 / £66.99.
- [B3] **Schäfer, A.I.** ; Waite T.D. ; Sherman, P. (Eds.) (2001) **Recent Advances in Water Recycling Technologies**, Workshop Proceedings, ISBN 0 7334 1858 9. Available online <http://www.epa.qld.gov.au/cgi-bin/w3-mssql/environment/environment/suswater/mssqlwelcome.html?page=strategy.html>
- [B2] **Schäfer, A.I.** ; Fane, A.G. ; Waite, T.D. (1998) **Chemical Addition prior to Membrane Processes for Natural Organic Matter (NOM) Removal**, in: *Chemical Water and Wastewater Treatment V*, H.H. Hahn, E. Hoffman, H. Ødegaard (Eds.), Springer, 8th International Gothenburg Symposium, Prague, Sept 1998, 125-137.
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- [J161] Cai, Y.-H. ; Gopalakrishnan, A. ; Deshmukh, K.P. ; **Schäfer, A.I.** (2022) **Renewable energy powered membrane technology: Implications of adhesive interactions between membrane and organic matter on spontaneous osmotic backwash cleaning**, Water Research (accepted 13/06/2022)
- [J160] Lichtfouse, E. ; Morin-Crini, N. ; Bradu, C. ; Boussouga, Y.-A. ; Aliaskari, M. ; **Schäfer, A.I.** ; Das, S. ; Wilson, L.D. ; Ike, M. ; Inoue, D. ; Kuroda, M. ; Déon, S. ; Fievet, P. ; Crini, G. (2022), **Methods for selenium removal from contaminated waters: a review**, Environmental Chemistry Letters, 20, 2019–2041, doi.org/10.1007/s10311-022-01419-8.
- [J158] Boussouga, Y.-A. ; Than, H. ; **Schäfer, A.I.** (2022) **Selenium species removal by nanofiltration: determination of retention mechanisms**, The Science of the Total Environment, 829, 154287, doi.org/10.1016/j.scitotenv.2022.154287
- [J157] Cai, Y.-H. ; Burkhardt, C. ; **Schäfer, A.I.** (2022) **Renewable energy powered membrane technology: Impact of osmotic backwash on organic fouling during solar irradiance fluctuation**, Journal of Membrane Science, 647, 120286, doi.org/10.1016/j.memsci.2022.120286
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- [J155] Lotfi, S. ; Fischer, K. ; Schulze, A. ; **Schäfer, A.I.** (2022) **Photocatalytic degradation of steroid hormone micropollutants by TiO₂ coated polyethersulfone membranes in a continuous flow-through process**, Nature Nanotechnology, 17, 417–423. doi.org/10.1038/s41565-022-01074-8
- [J154] Lyubimenko, R. ; Richards, B.S. ; **Schäfer, A.I.** ; Turshatov, A. (2022) **Noble-metal-free photosensitized membranes for continuous-flow photochemical oxidation of steroid hormones under sunlight**, Journal of Membrane Science 642, 119981 doi.org/10.1016/j.memsci.2021.119981

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- [N1] Schäfer, A.I. ; Khan, S. ; Wintgens, T. ; Melin, T. (2004) **OzAquarec: An international project for reuse**, Water, Aug, 42-44.

KEYNOTE, INVITED & PLENARY LECTURES

- [K34] Schäfer, A.I. ; Richards, B.S. (2021) **Renewable energy-powered membrane water technologies for off-the-grid locations**, Invited lecture, Nature Forum on decentralized water technologies for point of consumption, Virtual Event, 30 November 2021.
- [K33] Schäfer, A.I. ; Richards, B.S. (2021) **Decentralized renewable energy powered membrane filtration systems: implementation potential and challenges in Africa**, Plenary, African Membrane Society 3rd International Congress, AMSIC-3, 2-5 November 2021, Dakar, Senegal (presented in French).

- [K32] **Schäfer, A.I. (2021) Membranes in International Development**, Invited lecture, Nachhaltiges Wassermanagement (NaWaM) - Alumni Meeting DAAD, Mülheim an der Ruhr, 16 November 2021.
- [K31] **Schäfer, A.I. (2021) Micropollutant removal from water by membrane technology**, GDCh (Gesellschaft Deutscher Chemiker) Kolloquium, Paderborn University, Organic Chemistry, 25 October 2021.
- [K30] **Schäfer, A.I. (2021) Nanomembranes for water treatment**, Invited lecture, Micronarc Alpine Meeting, The 12th Microproducts Annual Meeting, mAm 2021, 4-5 October, Villars-sur-Ollon, Switzerland.
- [K29] **Lyubimenko, R. ; Cardenas, O.I.G. ; Richards, B.S. ; Turshatov, A. ; Schäfer, A.I. (2020) Photosensitizer-enhanced membranes for visible-light driven photodegradation of radiolabelled steroid hormones**, Keynote lecture, Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).
- [K28] Richards, B.S. ; **Schäfer, A.I. (2020) Decentralized water treatment: opportunities for nanofiltration in international development**, Keynote lecture, Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).
- [K27] **Schäfer, A.I. ; Richards, B.S. (2020) Decentralized solar powered membrane filtration: Opportunities in desert environments**, Invited presentation, Drylands, Desert, and Desertification 2020, Feeding the Drylands: Challenges in Changing Environment, The 7th International Conference, November 16-18, 2020, Beersheva, Israel (online).
- [K26] **Schäfer, A.I. ; Richards, B.S. (2019) Decentralized surface and groundwater treatment using renewable energy powered membrane processes**, Invited Lecture, The 2nd Green Technologies for Sustainable Water 2019 Conference (GTSW 2019), 1-5 December 2019, Ho Chi Minh City, Vietnam.
- [K25] **Schäfer, A.I. ; Richards, B.S. (2019) Directly-coupled solar powered membrane systems: experience with fluctuating energy in Tanzania**, IWA Membrane Technology Conference for Water, June 23-27, Toulouse, France, Keynote Lecture.
- [K24] **Schäfer, A.I. ; Imbrogno, A. (2019) Micropollutant removal in NF and RO: From principles to new approaches**, IWA Membrane Technology Conference for Water, Pre-Conference Workshop Emerging Micropollutants, June 23, Toulouse, France, Invited Lecture.
- [K23] **Schäfer, A.I. (2019) Energieeffiziente Membranverfahren zur Entfernung von Spurenschadstoffen: Vom Material zum Prozess**, Umwelttechnik BW, After Work Event, Innovative Technologien für Wasser- und Wertstoffrecycling, 14 March, Stuttgart, Germany, Stuttgart, Germany, Invited Lecture.
- [K22] **Schäfer, A.I. ; Richards, B.S. (2019) Solar energy-driven membrane plants**, Indo-German Workshop on 'Membranes for Water and Energy', 18-20 February 2019, CSIR- Central Salt and Marine Chemicals Research Institute, Bhavnagar, Gujarat, India, Invited Lecture.
- [K21] **Schäfer, A.I. (2018) Nanomembrane technology for removal or micropollutants from water**, Water Conference, 7-10 Dec 2018 Kottayam, India. Plenary Lecture.
- [K20] **Schäfer, A.I. (2018) Mikroschadstoffe im Trinkwasser und deren Beseitigung**; Europäische Brunnengesellschaft e.V., 15 November 2018, Karlsruhe, Germany, Invited Lecture.
- [K19] **Schäfer, A.I. (2018) Micropollutant removal from water: Implications of material properties**, 7th EuCheMS Chemistry Congress, 26 -30 August 2018, Liverpool, UK, Keynote Lecture.
- [K18] **Schäfer, A.I. (2018) Safe drinking water for all children: how smart material design is key**, 19th International Symposium on Eco-materials Processing and Design (ISEPD), 21-25 Feb 2018, Jaipur, India, Keynote Lecture.
- [K17] **Schäfer, A.I. (2016) Renewable energy powered membrane filtration: novel membrane design considerations for decentralised and autonomous treatment systems**, European Membrane Society (EMS) Summer School, Membranes and Membrane Process Design, 26 June – 1 July, Bertinoro, Italy, Invited Lecture.
- [K16] **Schäfer, A.I. (2015) Micropollutant removal in membrane filtration: a limitation to reuse applications?**, Water Reuse in Southern Africa: Current Status and Future Imperatives, 27 – 29 September 2015, Kempton Park, South Africa, Keynote Lecture.
- [K15] **Schäfer, A.I. (2015) Nanotechnik und Membranverfahren: Entfernung von Spurenschadstoffen mit der Nanofiltration**, nANO meets water VI, FHG UMSICHT, 19 February 2015, Oberhausen, Germany, Invited Lecture.
- [K14] **Schäfer, A.I. (2015) Retention of organic matter by membrane filtration: from macro to nano**, 4th Workshop "Nano- and membrane-based systems for water treatment", Nano4Water Cluster, 20-21 January, Barcelona, Spain, Keynote Lecture.
- [K13] **Schäfer, A.I. (2013) Micropollutant Removal & Nano-Membrane Technology: Future Research Needs**, 3rd Workshop "Nano- and membrane-based systems for water treatment", Nano4Water Cluster, Fraunhofer Institute for Ceramic Technologies and Systems IKTS Dresden, Keynote Lecture.
- [K12] **Schäfer A.I. (2011) Transport of estrogens in synthetic membrane materials**, 24 Oct 2011, Erudite Visiting Professor Lecture, Mahatma Gandhi University Kottayam, India.

- [K11] Schäfer A.I. ; Richards B.S. (2011) **Renewable Energy Powered Membrane Processes**, 20 Oct 2011, Erudite Visiting Professor Lecture, Mahatma Gandhi University Kottayam, India.
- [K10] Schäfer A.I. ; Richards, B.S. (2011) **Renewable Energy Powered Membrane Systems: Photovoltaic and Wind Powered Nanofiltration**, Keynote Lecture, International Congress on Membranes and Membrane Processes, ICOM 2011, Amsterdam, 24-29 July 2011.
- [K9] Schäfer A.I. (2011) **Water for our Children: Membrane Technology in Water Treatment**, Keynote Lecture, World Plumbing Conference 2011, Edinburgh, 7-11 Sept 2011.
- [K8] Schäfer A.I. (2009) **I have a Dream: Safe Drinking Water for all Children**, 1928 Professor's Wives Club, Myreside, George Watsons School, Edinburgh, 24 November 2009.
- [K7] Schäfer A.I. (2009) **Membrane Applications for International Development**, 75th Anniversary Symposium for Heiner Strathmann, University of Twente, NL, 20 November 2009.
- [K6] Schäfer A.I. (2008) **I have a Dream: Safe Drinking Water for all Children**, University of Edinburgh Inaugural Lecture, Swann Lecture Theatre, 29 May 2008, Inaugural Lecture. *Available on DVD.*
- [K5] Dolničar, S. ; Schäfer, A.I. (2006), **Public perception of desalinated versus recycled water in Australia**, 2006 AWWA Desalination Symposium, 7-9 May, Honolulu, Hawaii, Invited Lecture.
- [K4] Schäfer A.I. (2004) **From Idea to Commercialisation: Remote Community Water Supplies using Advanced & Sustainable Technology**, Environmental Engineering Research Event 2004, Keynote Lecture, Wollongong, NSW, Australia, 9 Dec 2004 (repeated from 2003 due to "popular demand").
- [K3] Schäfer A.I. (2003) **From Idea to Commercialisation: Remote Community Water Supplies using Advanced & Sustainable Technology**, Environmental Engineering Research Event 2003, Marysville, VIC, Australia, 4 Dec 2003, Keynote Lecture.
- [K2] Schäfer, A.I., Mastrup, M., Venkatesh, S. (2001) **Membranes and Ion Exchange**, IWA Workshop Membrane BioReactors and Hybrid Systems - Advanced Methods for Water ReUse, ParkRoyal Hotel Sydney, 20 November 2001, Invited Lecture.
- [K1] Schäfer A.I. (2001) **Organic Fouling and Adsorption in Pressure Driven Filtration Processes**, Back to Basics, International Conference on Membrane Technology for Wastewater Reclamation and Reuse, 9-13 September 2001, Tel Aviv, Israel, Keynote Lecture.

REFEREED CONFERENCE PRESENTATIONS & ABSTRACTS

- [C149] Lotfi, S. ; Fischer, K. ; Schulze, A. ; Schäfer, A.I. (2020) **Photocatalytic degradation of steroid hormone micropollutants by TiO₂ coated PES membranes in a continuous flow-through process**, Poster presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online). *Poster presentation prize (2nd)*
- [C148] Aliaskari, M. ; Schäfer, A.I. (2020) **Electrodialysis (ED) for nitrate, arsenic and fluoride removal from brackish ground water**, Poster presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).
- [C147] Tagliavini, M. ; Nguyen, M.N. ; Schäfer, A.I. (2020) **Permeate side adsorption in ultrafiltration for effective micropollutant removal: a comparison of adsorption mechanisms**, Poster presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).
- [C146] Cai, Y.-H. ; Schäfer, A.I. (2020) **Impact of osmotic backwash on nanofiltration/reverse osmosis scaling during solar irradiance fluctuation**, Oral presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).
- [C145] Tagliavini, M. ; Njel, C. ; Pohl, J. ; Richter, D. ; Böhringer, B. ; Schäfer, A.I. (2020) **Polymer-based spherical activated carbon – ultrafiltration (UF-PBSAC) for the steroid hormone removal from water: material characteristics and process configuration**, Oral presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).
- [C144] Imbrogno, A. ; Schäfer, A.I. (2020) **Micropollutants partitioning in combined magnetic-ion exchange (MIEX) membrane processes for surface water treatment**, Poster presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online). *Best poster presentation award for early career researcher*
- [C143] Imbrogno, A. ; Schäfer, A.I. (2020) **Micropollutant breakthrough curve by nanofiltration (NF) in systems of different design**, Oral presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).

- [C142] Boussouga, Y. ; Frey, H. ; **Schäfer, A.I.** (2020) **Removal of arsenic(V) by nanofiltration technology: Impact of groundwater conditions affected by climate change**, Poster presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).
- [C141] Boussouga, Y. ; Richards, B.S. ; **Schäfer, A.I.** (2020) **System resilience under solar energy fluctuations in directly-powered photovoltaic membrane technology for water desalination**, Oral presentation, 12th International Congress on Membranes & Membrane Processes (ICOM 2020), 7-11 December, London, United Kingdom (online).
- [C140] Trinh, P.B. ; **Schäfer, A.I.** (2020) **Determination of glyphosate (GLY) and aminomethylphosphonic acid (AMPA) in water by liquid chromatography with tandem mass spectrometry (LC-MS/MS)**, Poster presentation, 16th Annual Workshop on Emerging High-Resolution Mass Spectrometry (HRMS) and LC-MS/MS Applications in Environmental Analysis and Food Safety, 15-16 October 2020, Barcelona, Spain (Online). *Poster presentation prize (2nd)*.
- [C139] Lyubimenko, R. ; Richards, B.S. ; Turshatov, A. ; **Schäfer, A.I.** (2020) **Coupling of liquid chromatography and flow scintillation analysis for in-line detection of water-borne radiolabelled steroid hormones**, Oral presentation, 16th Annual Workshop on Emerging High-Resolution Mass Spectrometry (HRMS) and LC-MS/MS Applications in Environmental Analysis and Food Safety, 15-16 October 2020 Barcelona, Spain (Online).
- [C138] Tagliavini, M. ; Pohl, J. ; Richter, D. ; Böhringer, B. ; **Schäfer, A.I.** (2020) **Adsorption of trace steroid micropollutants (MPs) on polymer based spherical activated carbon (PBSAC)**, Oral presentation, Dechema Jahrestreffen der ProcessNet-Fachgruppen Fluidverfahrenstechnik, Adsorption und Extraktion, 26-28 February 2020, AlpenCongress Berchtesgaden
- [C137] Nguyen, M.N. ; Trinh, P.B. ; **Schäfer, A.I.** (2019) **Immobilisation of single-walled carbon nanotubes within ultrafiltration membranes for steroid hormone removal**, Oral presentation, The 2nd Green Technologies for Sustainable Water 2019 Conference (GTSW 2019), 1-5 December 2019, Ho Chi Minh City, Vietnam. *Oral presentation prize (3rd)*.
- [C136] Trinh, P.B. ; **Schäfer, A.I.** (2019) **Removal of glyphosate (GLY) and its metabolite aminomethylphosphonic acid (AMPA) by polymer based spherical activated carbon (PBSAC) in water treatment**, Oral presentation, The 2nd Green Technologies for Sustainable Water 2019 Conference (GTSW 2019), 1-5 December 2019, Ho Chi Minh City, Vietnam.
- [C135] Zhan, X. ; Yu, H. ; Zhang, Y. ; Yan, C. ; Rabsch, G. ; Rinke, G. ; Kirschhöfer, F. ; Brenner-Weiß, G. ; Klumpp, M. ; **Schäfer, A.I.** ; Dittmeyer, R. (2019) **Degradation of micropollutant in a novel microstructured photocatalytic membrane reactor**, Oral presentation, 14th International Conference on Catalysis in Membrane Reactors, July 2019, Eindhoven, Netherlands.
- [C134] Cai, Y.-H. ; **Schäfer, A.I.** (2019) **Solar energy fluctuations impact on osmotic backwash in renewable energy powered brackish water NF/RO desalination system**, IWA Membrane Technology Conference for Water, June 23-27, Toulouse, France, Keynote Lecture.
- [C133] Etale, A. ; Fielding, K. ; **Schäfer, A.I.** ; Siegrist, M. (2019) **Acceptance of Potable Reuse: The influence of Trust and Scarcity**, Oral Presentation, 12th IWA International Conference on Water Reclamation and Reuse. "Overcoming Water Stress by Water Reclamation and Reuse". 16 - 20 June 2019, Berlin, Germany.
- [C132] **Schäfer, A.I.** (2019) **Nanomaterial-ultrafiltration composite membranes for micropollutant adsorption: from material characteristics to process design**, Oral Presentation, Dead Sea Water, Nanomaterials at the water energy nexus, 4-7 Feb 2019, Ein Gedi, Israel.
- [C131] Berger T. ; **Schäfer, A.I.** ; Richards, B.S. (2019) **Process parameters of photocatalytic membranes in single-pass flow-through conditions**, Poster Presentation, Dead Sea Water, Nanomaterials at the water energy nexus, 4-7 Feb 2019, Ein Gedi, Israel.
- [C130] **Schäfer, A.I.** ; Imbrogno, P. ; Samanta, P. (2019) **Magnetic ion exchange – nanofiltration hybrid process: organic fouling control and micropollutant partitioning**, Oral Presentation, Water Conference, 7-10 Dec 2018, Kottayam, India.
- [C129] Atipoka, F. ; Momade, F. ; **Schäfer, A.I.** (2018) **Fluoride in groundwater in the Bongo district, Ghana: an assessment, health impact and possible mitigation strategies**, Oral Presentation, Water Conference, 7-10 Dec 2018, Kottayam, India.
- [C128] **Schäfer, A.I.** ; Richards, B.S. (2018) **Renewable energy powered nanofiltration and reverse osmosis: experience with fluctuating energy**, Oral Presentation, Desalination for the Environment: Clean Water and Energy, Science, Research, Innovation, Industry, Business, 3–6 September 2018, Divani Caravel Hotel, Athens, Greece.
- [C127] Li, S. ; Voigt, A. ; **Schäfer, A.I.** ; Richards, B.S. (2018) **A supercapacitor-based charge controller for a photovoltaic-powered desalination system**, Oral Presentation, Desalination for the Environment: Clean Water and Energy, Science, Research, Innovation, Industry, Business, 3–6 September 2018, Divani Caravel Hotel, Athens, Greece.
- [C126] Berger, T. ; Breitung, B. ; **Schäfer, A.I.** ; Richards, B.S. (2018) **Single-pass organic dye degradation by TiO₂-coated photocatalytic ceramic membranes**, Oral & Poster Presentation, Euromembrane 2018, 9-13 July 2018, Valencia, Spain.
- [C125] Lyubimenko, R. ; **Schäfer, A.I.** ; Richards, B.S. ; Turshatov, A. (2018) **Porphyrin-functionalized membrane for visible-light-driven pollutant degradation**, Oral & Poster Presentation, Euromembrane 2018, 9-13 July 2018, Valencia, Spain.

- [C124] Samanta, P. ; Imbrogno, A. ; **Schäfer, A.I.** (2018) **Fate of micropollutants in combines MIEX - NF membrane filtration process under fouling conditions**, Poster Presentation, Euromembrane 2018, 9-13 July 2018, Valencia, Spain.
- [C123] Nguyen, M.N. ; Trinh, P.B. ; **Schäfer, A.I.** (2018) **Immobilisation of carbon-based nanoparticles within ultrafiltration membranes for hormone removal**, Oral Presentation, Euromembrane 2018, 9-13 July 2018, Valencia, Spain.
- [C122] Tagliavini, M. ; **Schäfer, A.I.** (2018) **Removal of steroid hormones by ultrafiltration coupled with polymer-based spherical activated carbon (PBSAC) thin adsorbent layer**, Oral Presentation, Euromembrane 2018, 9-13 July 2018, Valencia, Spain.
- [C121] Zhan, X. ; Zhang, Y. ; Yu, H. ; Yan, C. ; Kirschhöfer, F. ; Klumpp, M. ; Brenner-Weiß, G. ; **Schäfer, A.I.** ; Dittmeyer, R. (2018) **Degradation of Micropollutant in a Novel Microstructured Photocatalytic Membrane Reactor**, Oral Presentation, 27th PhotoIUPAC, 12 July 2018, Dublin, Ireland.
- [C120] Zhan, X. ; Yan, C. ; Kirschhöfer, F. ; Klumpp, M. ; **Schäfer, A.I.** ; Dittmeyer, R. (2018) **Inkjet printing of photocatalyst on inorganic membranes for photocatalytic degradation of micropollutants**, 51st German Catalysis Meeting (Jahrestreffen Deutscher Katalytiker), March. 2018.
- [C119] Tagliavini, M. ; **Schäfer, A.I.** (2017) **Micropollutant removal mechanisms in a composite membrane: permeate side polymer based activated carbon adsorption**, Oral Presentation, 201 International Congress on Membranes and Membrane Processes (ICOM), 29 July – 4 August 2017, Hilton San Francisco Union Square, CA, USA.
- [C118] **Schäfer, A.I.** ; Jeihanipour, A. ; Shen, J. ; Richards, B.S. (2017) **Impact of module size on performance of renewable energy powered membrane system**, Oral Presentation, 201 International Congress on Membranes and Membrane Processes (ICOM), 29 July – 4 August 2017, Hilton San Francisco Union Square, CA, USA.
- [C117] **Schäfer, A.I.** ; Jeihanipour, A. ; Shen, J. ; Richards, B.S. (2017) **Impact of module size on solar powered membrane filtration (UF-NF/RO)**, Oral Presentation, Desalination for Clean Water and Energy, Cooperation around the World, 9-12 May 2017, Tel Aviv, Israel.
- [C116] Onorato, C. ; Banasiak, L.J. ; **Schäfer, A.I.** (2017) **Desalination of real brackish groundwater using electrodialysis**, Oral Presentation, Desalination for Clean Water and Energy, Cooperation around the World, 9-12 May 2017, Tel Aviv, Israel.
- [C115] Onorato, C. ; Gaedtke, M. ; Kespe, M. ; Nirschl, H. ; **Schäfer, A.I.** (2017) **Computational fluid dynamics approach to determine membrane concentration polarization and module performance with fluctuating energy**, Poster Presentation, Desalination for Clean Water and Energy, Cooperation around the World, 9-12 May 2017, Tel Aviv, Israel.
- [C114] **Schäfer, A.I.** ; Richards, B.S. (2016) **Impact of energy fluctuation on permeate quality in autonomous and directly coupled renewable energy powered nanofiltration and reverse osmosis systems**, Oral Presentation, ECI Advanced Membrane Technology VII, 11-16 September, Cork, Ireland.
- [C113] Owusu-Agyeman, I. ; Jeihanipour, A. ; **Schäfer, A.I.** (2016) **Nanofiltration and reverse osmosis for defluoridation: the role of inorganic carbon**, Poster Presentation, ECI Advanced Membrane Technology VII, 11-16 September, Cork, Ireland.
- [C112] Gumbi, N. ; Mamba, B. ; Nxumalo, E. ; **Schäfer, A.I.** (2016) **Synthesis and characterization of carbon nanotube membranes for water treatment**, Poster Presentation, ECI Advanced Membrane Technology VII, 11-16 September, Cork, Ireland.
- [C111] Biscarat, J. ; Neale, P.A. ; Smith, H.K.M. ; Ning, D. **Schäfer, A.I.** (2015) **Removal of steroidal hormones using an ion exchange – ultrafiltration (IX-UF) hybrid process**, Oral Presentation, Euromembrane, 6-10 September, Aachen, Germany.
- [C110] **Schäfer, A.I.** ; Richards, B.S. (2015) **Discontinuous Operation of Small-Scale Membrane Filtration Systems: Impact of Power Fluctuation on Permeate Quality**, Oral Presentation, Euromembrane, 6-10 September, Aachen, Germany.
- [C109] **Schäfer, A.I.** ; Richards, B.S. (2015) **Emerging markets: small scale renewable energy powered membrane filtration for removal of dissolved contaminants**, Oral Presentation, ECI Advanced Membrane Technology VI, 8-13 February, Sicily, Italy.
- [C108] **Schäfer, A.I.** (2014) **Retention of organic matter by ultrafiltration, nanofiltration and reverse osmosis: review of limitations and opportunities**, Oral Presentation, ICOM 2014, 25-28 July, Suzhou, China.
- [C107] Shen, J. ; Richards, B.S. ; **Schäfer, A.I.** (2014) **Fluoride Removal by Solar Energy powered Nanofiltration/Reverse Osmosis in Tanzania: St Dorcas School Case Study**, Oral Presentation, ICOM 2014, 25-28 July, Suzhou, China.
- [C106] Shen, J. ; Yang, X. ; **Schäfer, A.I.** (2014) **Impact of Estrone-Humic Acid Interactions on Estrone Retention by Nanofiltration**, Poster Presentation, ICOM 2014, 25-28 July, Suzhou, China.
- [C105] Shen, J. ; Yang, X. ; **Schäfer, A.I.** (2014) **Application of Nanofiltration in Removing Strontium and Organic Matter**, Poster Presentation, ICOM 2014, 25-28 July, Suzhou, China.
- [C104] Stelzl, K. ; Majumder, M. ; **Schäfer, A.I.** (2013) **Carbon nanotube-polymer nanocomposite membranes by phase-inversion technique: A critical review of current literature**, ICM – 2013 Second International Conference on Membranes, 3-6 October, Kottayam, India.

- [C103] Shen, J. ; **Schäfer, A.I.** (2013) **Fluoride And Organic Matter Removal From Tanzanian Waters By Nanofiltration & Reverse Osmosis**, Oral Presentation, Fluoride Removal from Drinking Water: Health and Technology Implications Workshop, NM-AIST, Arusha, Tanzania, 12-13 September (*presented by Shen*).
- [C102] Shen, J. ; **Schäfer, A.I.** (2013) **Fluoride Removal from Drinking Water by Nanofiltration: A Case Study in Tanzania**, Oral Presentation, Qingdao International Conference on Desalination and Water Reuse, 25-28 June, Qingdao, China.
- [C101] **Schäfer, A.I.** (2013) **Transport of estrogens through synthetic membranes: an engineer's perspective**, Poster Presentation, FEBS Workshop 'Biological Surfaces and Interfaces', 30 June - 05 July, Hotel Eden Roc, Sant Feliu de Guixols, Catalonia, Spain.
- [C100] Malek, P. ; Ortiz, J.M. ; Richards, B.S. ; **Schäfer, A.I.** (2012) **Enhanced electro dialysis process: using pulsed electric field for desalinating from brackish water**, Poster Presentation, Euromembrane Conference, London 23-27 Sept.
- [C99] Shen, J. ; Yang, X.J. ; **Schäfer, A.I.** (2012) **Impact of pH on estrone-humic acid interactions in nanofiltration**, Poster Presentation, Euromembrane Conference, London 23-27 Sept.
- [C98] Ngo, H.T., Mackay, L. ; Cronshaw, A. ; Bradley, M. ; **Schäfer, A.I.** (2012) **Analysis of Hormones on Polymer Membranes by Using FTICR-MS and MALDI-tof-MS**, Poster Presentation, Euromembrane Conference, London 23-27 Sept.
- [C97] Malek, P. ; Pallawela, P. ; Patrick, M. ; **Schäfer, A.I.** (2011) **The effect of competing ions on electro dialytic removal of monovalent anions from brackish water**, International Congress on Membranes and Membrane Processes, ICOM 2011, Amsterdam 24-29 July.
- [C96] Akanyeti, I. ; Semião, A.J.C. ; **Schäfer, A.I.** (2011) **Hormone sorption onto polymeric membrane materials**, International Congress on Membranes and Membrane Processes, ICOM 2011, Amsterdam 24-29 July.
- [C95] Semião, A.J.C. ; **Schäfer, A.I.** (2011) **Removal of adsorbing estrogens by nanofiltration membranes: experimental evidence and modelling of transport/adsorption**, International Congress on Membranes and Membrane Processes, ICOM 2011, Amsterdam 24-29 July.
- [C94] de Munari. ; **Schäfer, A.I.** (2011) **Influence of organic matter-pesticide complexes on pesticide retention by nanofiltration**, International Congress on Membranes and Membrane Processes, ICOM 2011, Amsterdam 24-29 July.
- [C93] Richards, L. ; Corry, B. ; Richards, B.S. ; **Schäfer, A.I.** (2011) **Hydration of fluoride, nitrate and nitrite during pore transport in nanofiltration**, International Congress on Membranes and Membrane Processes, ICOM 2011, Amsterdam 24-29 July.
- [C92] Ngo, T.H. ; Semião A.J.C. ; Cronshaw, A. ; **Schäfer, A.I.** (2011) **Analysis of estrogen sorption by polymer membranes by using a matrix assisted laser desorption ionisation time-of-flight mass spectrometry**, International Congress on Membranes and Membrane Processes, ICOM 2011, Amsterdam 24-29 July.
- [C91] Park, G. ; **Schäfer, A.I.** ; Richards, B.S. (2011) **Renewable Energy Powered Membrane Technology: The effect of intermittent operation on a wind-powered membrane system for brackish water desalination**, SSS 4 WATER: Small Sustainable Solutions for Water, Venice, Italy, 18-22 April 2011.
- [C90] Richards, L. ; Richards, B.S. ; **Schäfer, A.I.** (2011) **Renewable Energy Powered Membrane Systems: Inorganic Contaminant Removal from Australian Groundwaters**, International Conference on Integrated Water Management, Murdoch University, Perth WA, Australia, 2-5 February 2011.
- [C89] Cope, H. ; **Schäfer, A.I.** (2010) **Leapfrog approach to water supply technologies in developing countries**, Water and Health: Where Science Meets Policy Conference, Chapel Hill, NC, USA, 23-26 Oct 2010.
- [C88] Rossiter, H.M.A. ; Semião, A.J.C. ; Graham, M.C. ; **Schäfer, A.I.** (2010) **Impact of water quality on uranium behaviour in membrane systems**, Nordic Filtration Symposium.
- [C87] De Munari, A. ; Bower, M. ; McLaren, C. ; **Schäfer, A.I.** (2010) **Water supply for remote communities using membrane technology: is it feasible in Africa?**, 2nd All Africa Environmental Health Congress 2010, Malawi.
- [C86] **Schäfer, A.I.** ; Rossiter, H.M.A. ; Owusu, P.A. ; Richards, B.S. ; Awuah, E. (2008) **Physico-Chemical water quality in Ghana: prospects for water supply technology implementation**, Water and Sanitation in International Development and Disaster Relief, 28-30 May, Edinburgh, UK, 213-223.
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- [S105] Schäfer, A.I. (2015) **Renewable Energy Powered Water Treatment: Vision for Subsaharan Africa**, Seminar Leah & Desmond Tutu Legacy Foundation, 30 September 2015, Cape Town, South Africa.
- [S104] Schäfer, A.I. ; Richards, B.S. (2015) **Renewable energy powered membrane filtration for brackish water desalination**, University of South Africa, 25 September, Johannesburg, South Africa
- [S103] Schäfer, A.I. (2015) **Membrane Technology @ KIT-IFG: Water Treatment Applications**, Seminar BLÜCHER GmbH, 16 September 2015, Erkrath, Germany.
- [S102] Schäfer, A.I. (2015) **Membrane Technology: from novel materials to innovative water treatment systems**, DFG Professoren Rundgespräch, 15 September 2015, Dechema, Frankfurt, Germany.
- [S101] Schäfer, A.I. ; Richards, B.S. ; Momade, F. (2015) **Case Study 2: Bongo District in Ghana (KIT & KNUST)**, 27 July 2015, MoReWater Meeting, UPC, Barcelona, Spain
- [S100] Schäfer, A.I. (2015) **Membrane Technology @ KIT-IFG: Water Treatment Applications**, Seminar LANXESS, 18 May 2015, Bitterfeld, Germany.
- [S99] Schäfer, A.I. ; Richards, B.S. (2015) **Renewable Energy Powered Membrane Technology: Vision for the Future**, Seminar Kärcher Futuretech, 16 March 2015, Schwaikheim, Germany.

- [S98] **Schäfer, A.I.** (2015) **Membrane Technology @ KIT-IFG: Water Treatment Applications**, Visit of VTT Finland to KIT, 11 March 2015, Karlsruhe, Germany.
- [S97] **Schäfer, A.I.** ; Richards, B.S. (2015) **Renewable Energy Powered Water Treatment Systems for Decentralized Applications**, Visit Pfeffer Filtrationstechnik to KIT, 22 January 2015, Eggenstein-Leopoldshafen, Germany.
- [S96] **Schäfer, A.I.** (2014) **I have a Dream: Safe Drinking Water for all Children**, KIT Neuberufenveranstaltung, 13 November 2014, Annweiler, Germany.
- [S95] **Schäfer, A.I.** ; Richards, B.S. (2014) **Renewable Energy powered Membrane Filtration for Rural Communities**, Seminar Grünbeck, 6 November 2014, Höchstädt a. d. Donau, Germany.
- [S94] **Schäfer, A.I.** (2014) **Membrane Technology: from novel materials to innovative water treatment systems**, Institute of Functional Interfaces, Institutsbegehung der Bereichsleitung, 27 October 2014, Eggenstein-Leopoldshafen, Germany.
- [S93] **Schäfer, A.I.** (2014) **Membrane Technology @ KIT: Current Projects & Vision for the Future**, Video Conference Veolia Water – Membrane Processes Team, 30 September 2014, Karlsruhe, Germany.
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- [S90] **Schäfer, A.I.** (2014) **Micropollutant removal by membrane technology**, Seminar Beijing University of Chemical Technology (BUCT), 18 July, Beijing, China.
- [S89] **Schäfer, A.I.** ; Richards, B.S. (2014) **Renewable Energy powered Membrane Filtration**, 15 July 2014, Seminar ZSW, Stuttgart, Germany.
- [S88] **Schäfer, A.I.** ; Richards, B.S. (2014) **Renewable Energy powered Membrane Filtration for Rural Communities**, Seminar EnWat, 28 May 2014, Knetzgau, Germany.
- [S87] **Schäfer, A.I.** (2014) **Membrane Technology @ KIT: Current Projects & Vision for the Future**, Institute of Functional Interfaces, Abteilungsleiterklausur, 28 April 2014, Rotensol, Germany.
- [S86] **Schäfer, A.I.** ; Richards, B.S. (2014) **Renewable Energy powered Membrane Filtration for Rural Communities**, Paul G. Allen Family Foundation, 3 February 2014, Ngurdoto Defluoridation Research Station, Tanzania.
- [S85] Richards, B.S. ; **Schäfer, A.I.** (2013) **Renewable Energy powered Membrane Filtration**, King Abdullah University of Science and Technology (KAUST), Jeddah, Saudi Arabia, 28 Oct.
- [S84] Shen, J. ; **Schäfer, A.I.** (2013) **Fluoride and organic matter removal from Tanzanian waters by nanofiltration & reverse osmosis**, Fluoride Removal from Drinking Water: Health and Technology Implications, An interdisciplinary research workshop, 12-13 September 2013, Nelson Mandela African Institute of Science & Technology, Old Moshi Road, Tengeru, Arusha, Tanzania.
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- [S82] **Schäfer A.I.** (2013) **I have a Dream: Safe Drinking Water for all Children**, KIT, Karlsruhe, Germany, 14 Feb.
- [S81] Richards B.S. ; **Schäfer A.I.** (2013) **Solar- and Wind-Powered Desalination of Brackish Water**, University of Dar es Salaam, CoET Visiting Professors Seminar, 5 Feb.
- [S80] **Schäfer A.I.** ; Shen, J. ; Thole, B. ; Mtalo, F. (2013) **Fluoride removal from Tanzanian waters: comparing physico-chemical treatment and membrane filtration**, Safe Global Water & Sanitation Summit, Nelson Mandela African Institute of Science & Technology, Arusha, Tanzania, 30 Jan – 1 Feb.
- [S79] **Schäfer A.I.** ; Richards B.S. (2012) **Renewable energy powered membrane filtration for water treatment**, Beijing University of Chemical Technology, China, 27 Sept 2012.
- [S78] **Schäfer A.I.** (2012) **Membrantechnik in der Siedlungswasserwirtschaft?**, Kolloquium Siedlungswasserwirtschaft, Technische Universität München, Germany, 2 May 2012.
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- [S76] **Schäfer A.I.** (2011) **Micropollutant removal in nanofiltration**, Universitas 21 Workshop Sustainable Cities, National University of Singapore, Singapore, 29 Nov 2011.

- [S75] **Schäfer A.I.** ; Richards B.S. (2011) **Renewable Energy Powered Membrane Filtration for Water Treatment**, 28 Nov 2011, Nanyang University, Singapore.
- [S74] **Schäfer A.I.** ; Richards B.S. (2011) **Renewable Energy Powered Membrane Filtration for Water Treatment**, 25 Nov 2011, University of Western Australia, Perth, Australia.
- [S73] **Schäfer A.I.** (2011) **Micropollutant Removal in Membrane Filtration: from Water Reuse to defining Needs for New Materials**, 24 Nov 2011, Monash University, Mechanical & Aerospace Engineering, Melbourne, Australia.
- [S72] **Schäfer A.I.** ; Richards B.S. (2011) **SUSTAINABLE SYSTEMS ENGINEERING: Renewable Energy Powered Membrane Systems: Photovoltaic and Wind Powered Nanofiltration**, INDIA-UK Discussion Meeting on Advanced Technologies on Water and Energy, 16-18 Oct 2011, IIT Chennai, India.
- [S71] **Schäfer A.I.** (2011) **Transport of estrogens in synthetic membrane materials and need for novel materials**, INDIA-UK Discussion Meeting on Advanced Technologies on Water and Energy, 16-18 Oct 2011, IIT Chennai, India.
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- [S68] **Schäfer A.I.** (2011) **I have a Dream: Safe Drinking Water for all Children**, Chemical Technology, KU Leuven, Belgium, 10 May 2011.
- [S67] **Schäfer A.I.** (2011) **I have a Dream: Safe Drinking Water for all Children**, IMDEA, Madrid, Spain, 5 May 2011.
- [S66] **Schäfer A.I.** (2011) **I have a Dream: Safe Drinking Water for all Children**, The Norwich School of Medicine, University of East Anglia, 31 March 2011.
- [S65] **Schäfer A.I.** (2011) **Membranes for Environmental and Drinking Water Applications**, Strathclyde University, Civil Engineering, UK, 23 March 2011.
- [S64] **Schäfer A.I.** (2011) **Membranes for Environmental and Drinking Water Applications**, Institut für Chemische Verfahrenstechnik Universität Stuttgart, Germany, 15 February 2011.
- [S63] **Schäfer A.I.** (2011) **SAfe Drinking Water using Appropriate Technologies for Ghana (SADWAT-GHANA)**, Tamale Polytechnic, Tamale, Ghana, 4 January 2011.
- [S62] **Schäfer A.I.** (2010) **SAfe Drinking Water using Appropriate Technologies for Ghana (SADWAT-GHANA)**, University of Winneba, Mampong, Ghana, 23 December 2010.
- [S61] **Schäfer A.I.** (2010) **SAfe Drinking Water using Appropriate Technologies for Ghana (SADWAT-GHANA)**, KNUST, Kumasi, Ghana, 22 December 2010.
- [S60] **Schäfer A.I.** (2010) **SAfe Drinking Water using Appropriate Technologies for Ghana (SADWAT-GHANA)**, University of Cape Coast, Ghana, 20 December 2010.
- [S59] **Schäfer A.I.** (2010) **SAfe Drinking Water using Appropriate Technologies for Ghana (SADWAT-GHANA)**, University of Dar es Salaam, Tanzania, Ghana, 7 December 2010.
- [S58] **Schäfer A.I.** (2010) **SAfe Drinking Water using Appropriate Technologies for Ghana (SADWAT-GHANA)**, Leverhulme Royal Society Africa Award Grantholder Meeting, British Council, Dar es Salaam, Tanzania, Ghana, 5 December 2010.
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- [S56] **Schäfer A.I.** (2010) **Removal of Micropollutants using Nanofiltration**, Heriot Watt University, Wetsus Collaborative Workshop, Edinburgh, 4 February 2010.
- [S55] **Schäfer A.I.** (2009) **Renewable Energy Powered Membrane Systems for Autonomous Water Supplies in Remote Areas**, EU FP7 AFRICA CALL Info Day Brussels, 18 September 2009.
- [S54] **Schäfer A.I.** (2009) **Removal of Micropollutants using Nanofiltration**, University of Edinburgh Research Workshop, Exploring the Potential of Membranes in Nanotechnology & Micropollutant Research, 21 May 2009.
- [S53] **Schäfer A.I.** (2009) **Removal of Micropollutants using Membrane Technology**, Massey University, Institute of Food Nutrition and Human Health, Wellington, New Zealand, 16 March 2009.
- [S52] **Schäfer A.I.** (2008) **I have a Dream: Safe Drinking Water for all Children**, So You Want to be an Engineer...?, Café Scientifique, Edinburgh Filmhouse, 22 October 2008.

- [S51] **Schäfer A.I. (2008) A Journey from the Needle in the Haystack to solving Global Water Needs: Issues in Urban and Rural Water Management**, ETH Symposium, Zürich, Switzerland, 3 July 2008.
- [S50] **Schäfer A.I. ; Richards, B.S. (2007) Desalination of Brackish Water with Renewable Energy**, Heriot Watt University, School of Engineering and Physical Sciences, UK, 7 Nov 2007.
- [S49] **Schäfer A.I. ; Richards, B.S. (2007) Renewable Energy Powered Desalination Units for International Development**, Dundee University, UNESCO Centre for Water Law, Policy and Science, UK, 24 Sept 2007.
- [S48] Neale, P.A. ; Escher, B.I. ; **Schäfer A.I. (2007) Measuring the partitioning of estrogenic trace organic contaminants to bulk organic matter: application of negligible – depletion solid phase microextraction**, Organic Contaminants in the Environment- Today's Technology for Tomorrow's Problems, SETAC-UK AGM, Norwich, UK, 5-6 Sept 2007.
- [S47] Neale, P. ; Escher, B.I. ; **Schäfer, A. I. (2007) Application of negligible – depletion solid phase microextraction to quantify the interaction between estrogenic micropollutants and bulk organic compounds**, Symposium honouring Dr Walter Giger, Division of Environmental Chemistry, American Chemical Society, Boston, MA, August 19-23, 2006.
- [S46] **Schäfer A.I. ; Richards, B.S. (2007) Desalination of Brackish Water with Renewable Energy**, University of Aix-Marseilles, France, 5 July 2007 (*in French*).
- [S45] Neale, P. ; Pronk, W. ; **Schäfer, A. I. (2007) The influence of pH on the interaction between estrogenic trace organic compounds and bulk organic matter**, MICROPOL/ECOHAZARD, June 2007, Frankfurt, Germany.
- [S44] **Schäfer A.I. (2007) Entfernung von Huminstoffen und Spurenschadstoffen mit Membranen**, University of Applied Sciences Ravensburg-Weingarten, Germany, 12 June 2007.
- [S43] **Schäfer A.I. ; Richards, B.S. (2007) Clean Water from Clean Energy**, Scottish Enterprise, Glasgow, UK, 9 May 2007.
- [S42] **Schäfer, A. I. ; Richards, B.S. (2007) Renewable Energy and Membrane Technology to Supply Water to Remote Communities**, Desalination and the Environment, 22-25 April 2007, Halkidiki, Greece.
- [S41] **Schäfer A.I. ; Richards, B.S. (2007) Renewable Energy and Membrane Technology to Supply Water to Remote Communities**, Heriot-Watt University, Edinburgh, UK, 8 Mar 2007.
- [S40] **Schäfer A.I. ; Richards, B.S. (2007) Renewable Energy and Membrane Technology to Supply Water to Remote Communities**, WETSUS, Centre for Sustainable Water Technology, Leeuwarden, Netherlands, 18 Jan 2007.
- [S39] **Schäfer A.I. (2007) Developments in Membrane Treatment: Micropollutant Removal in Nanofiltration & Reverse Osmosis**, NALCO Europe, Biofilm Formation in Industrial Water Systems In House Workshop, Leiden, Netherlands, 22 Jan 2007.
- [S38] **Schäfer A.I. ; Richards, B.S. (2007) Renewable Energy and Membrane Technology to Supply Water to Remote Communities**, WaterAid/Engineers without Borders Seminar, Edinburgh, UK, 25 Jan 2007.
- [S37] Neale, P. ; **Schäfer A.I. (2006) Determination of Solute – Solute Interactions for Micropollutants**, EAWAG Seminar, Dübendorf, Switzerland, 12 June 2006.
- [S36] **Schäfer A.I. ; Richards, B.S. (2006) Renewable Energy and Membrane Technology to Supply Water to Remote Communities**, EAWAG Seminar, Dübendorf, Switzerland, 6 July 2006.
- [S35] **Schäfer A.I. ; (2006) Endocrine Disrupter Removal using Membrane Technology**, 1st Oxford Water and Membranes Research Event, Oxford, UK, 2-4 July 2006.
- [S34] **Schäfer A.I. ; Richards, B.S. (2005) Remote Community Water Supply using Membrane Technology and Renewable Energy**, Seminar Université de Paul Sabatiér, Toulouse, France, 28 Oct 2005.
- [S33] **Schäfer A.I. ; Richards, B.S. (2005) Remote Community Water Supply using Membrane Technology and Renewable Energy - A Summary of Project Development and Field Trials in Australia**, Seminar CRC Desert Knowledge, Alice Springs, Australia, 14 Oct 2005.
- [S32] **Schäfer A.I. (2005) Oz-AQUAREC: Integrated Concepts in the Reuse of upgraded Wastewater in Australia**, FP6 Workshop, University of Wollongong, Australia, 21 February 2005.
- [S31] **Schäfer A.I. (2005) Using Renewable Energy and Membrane Technology to Supply Water to Remote Communities: From System Concept to Commercialisation**, Symposium in Environmental Engineering – ETH/EAWAG Zürich, 4 Dec 2005.
- [S30] **Schäfer A.I. (2005) Trace contaminants and Integrated Water Management: A Summary of a Research & Teaching Agenda**, Seminar University of Edinburgh, UK; 30 Aug 2005.
- [S29] **Schäfer A.I. (2005) Hormones in water recycling and clean water for remote communities – A journey from the needle in the haystack to solving global water needs**, Seminar University of Colorado at Boulder, USA; 13 May 2005.

- [S28] Schäfer A.I. ; Remy, C. ; Richards, B.S. (2004) **Extending the sustainable use of membranes: The renewable Energy Option in Remote Locations**, Gordon Research Conference: Membranes: Materials & Processes, Colby-Sawyer College, New London, New Hampshire, USA, 1-6 August 2004.
- [S27] Nghiem, L.D. ; Schäfer A.I. ; Richards, B.S. (2004) **Organic Solute-Membrane Affinity in Nanofiltration: Natural Hormones vs Pharmaceuticals**, Gordon Research Conference: Membranes: Materials & Processes, Colby-Sawyer College, New London, New Hampshire, USA, 1-6 August 2004.
- [S26] Schäfer A.I. (2003) **Removal of Trace Contaminants using Membranes**, KU Leuven, Belgium, 30 Sept 2003.
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- [S24] Braga, O. ; Smythe, G. ; Schäfer, A.I. ; Feitz, A. J. (2003) **Fate and Behavior of Steroid Hormones within Sewerage Treatment Plants**, 1st SETAC ASE Meeting, Christchurch, New Zealand, 28 Sept-1 Oct 2003.
- [S23] Schäfer A.I. (2003) **Solar Energy and Membrane Hybrid Processes for Remote Community Water Supplies**, Sustainable Earth Research Centre, University of Wollongong, Australia, 24 July 2003.
- [S22] Nghiem, L.D. ; Schäfer, A.I. ; Elimelech, M. (2003) **Rejection of trace organic contaminants by nanofiltration membranes: role of membrane surface properties and contaminant chemical structure**, ACS Colloid and Surface Science Symposium, Atlanta, USA, June 15-18, 2003.
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- [S20] Schäfer A.I. (2003) **Solar Energy and Membrane Hybrid Processes for Remote Community Water Supplies**, Yale University, New Haven, USA, 15 May 2003.
- [S19] Schäfer, A.I. ; Remy, C. ; Richards, B.S. (2003) **Solar Energy and Membrane Hybrid Process for Remote Community Water Supplies**, Conference on Desalination and the Environment, Fresh Water for All, 4–8 May 2003, Malta.
- [S18] Schäfer A.I. (2003) **Endocrine Disrupter Removal using Nanofiltration & Reverse Osmosis**, University of Melbourne, Australia, 3 April 2003.
- [S17] Schäfer A.I. (2002) **Optimised Use of Hybrid Membrane Processes in Water Recycling - A Project Overview**, NSW EPA, Australia, 14 March 2002.
- [S16] Schäfer A.I. (2003) **Removal of Endocrine Modulating Chemicals using Nanofiltration & Reverse Osmosis Membranes**, Institute for Intelligent Polymer Research (IPRI), University of Wollongong, Australia, 13 March 2003.
- [S15] Schäfer, A.I. ; Waite, T.D. (2002) **Endocrine Disrupters**, Workshop Proceedings, IWA Specialist Group on Assessment and Control of Hazardous Substances in Water (ACHSW), Melbourne, Australia, April 2002) available online from the IWA Website <http://www.iwahq.org.uk/template.cfm?name=edworkshop>
- [S14] Schäfer, A.I. (2002) **Trace Contaminant Removal in Water Recycling**, A special C3 Post-ICOM workshop in honour of Roger Ben-Aim, Tony Fane and John Howell, 14-17 July 2002, Oxford, UK.
- [S13] Schäfer A.I. (2001) **Eliminationen von natürlichen Hormonen in Wasser Recycling**, EAWAG, Dübendorf, Switzerland, 18 Sept 2001.
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- [S11] Schäfer, A.I. ; Waite, T.D. ; Fane, A.G. (2001) **Optimised Use of Membrane Hybrid Processes for Water Recycling – Project Overview**, Recent Advances in Water Recycling Technologies, Workshop, Brisbane, 26 November 2001, 21-26, ISBN 0 7334 1858 9.
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- [S7] Nghiem, L.D. ; **Schäfer, A.I.** ; Waite, T.D. (2001) **Removal of Natural Hormones using Nanofiltration and Reverse Osmosis Membranes**, Recent Advances in Water Recycling Technologies, Workshop, Brisbane, 26 November 2001, 65-80, ISBN 0 7334 1858 9.
- [S6] Braga, O. ; **Schäfer, A.I.** ; Smythe, G. (2001) **Analysis of Endocrine Disrupters & Pharmaceuticals in the Environment**, Recent Advances in Water Recycling Technologies, Workshop, Brisbane, 26 November 2001, 81-92, ISBN 0 7334 1858 9.
- [S5] Jensen, R.L. ; **Schäfer, A.I.** (2001) **Adsorption of estrone and 17 β -estradiol by Particulates - Activated Sludge, Bentonite, Hematite and Cellulose**, Recent Advances in Water Recycling Technologies, Workshop, Brisbane, 26 November 2001, 93-102, ISBN 0 7334 1858 9.
- [S4] Mastrup, M ; **Schäfer, A.I.** (2001) **Fate Modeling – An important Tool for Water Recycling**, Recent Advances in Water Recycling Technologies, Workshop, Brisbane, 26 November 2001, 103-112, ISBN 0 7334 1858 9.
- [S3] Stenekes, N. ; **Schäfer, A.I.** ; Ashbolt, N.J. (2001) **Community Involvement In Water Reuse – Issues and Needs**, Recent Advances in Water Recycling Technologies, Workshop, Brisbane, 26 November 2001, 113-124, ISBN 0 7334 1858 9.
- [S2] Tangsubkul, N. ; Waite, T.D. ; **Schäfer, A.I.** ; Lundie, S. (2001) **Applications of Life Cycle Assessment in Evaluating the Sustainability of Wastewater Recycling Systems**, Recent Advances in Water Recycling Technologies, Workshop, Brisbane, 26 November 2001, 125-142, ISBN 0 7334 1858 9.
- [S1] **Schäfer, A.I.** (1998) **Natural Organic Matter Removal Using Membranes**, CRC for Water Quality and Treatment, Postgraduate Student Conference, Warburton, Victoria, 15-18 June 1998, 23-28 (confidential).

CONFERENCE AND WORKSHOP ORGANISATION

- [W22] Nanofiltration 2020: Principles, Applications and New Materials, International Conference, **Schäfer A.I.** ; Boussouga Y.-A. (Organising Committee) 7-10 July 2020, Achalm Hotel, Reutlingen Germany.
- [W21] Fluoride Removal from Drinking Water: Health and Technology Implications, An interdisciplinary research workshop, **Schäfer A.I.** ; Muzuka, A. ; Mkongo, G. ; Mubofu, E. ; Dahi, E. ; Vuhahula, E. ; Malebo, H. ; Musa Njee, R. (Organising Committee) 12-13 September 2013, Nelson Mandela African Institute of Science & Technology, Old Moshi Road, Tengeru, Arusha, Tanzania.
- [W20] UK Innovation Potential in Advanced Water Treatment: Future Directions & Strategy III **Schäfer A.I.** ; Ponton, G. ; Jensen H. (Co-Chairs) 21 March 2012, Edinburgh, UK.
- [W19] UK Innovation Potential in Advanced Water Treatment: Future Directions & Strategy II **Schäfer A.I.** ; Bishop K. ; Duncan D. ; Ponton, G. ; Jensen H. ; Bernard I. ; Thomas K. ; Hughes G. ; Bower M. (Co-Chairs) 6 Dec 2011, Edinburgh, UK.
- [W18] Discussion meeting on advanced technologies for water and energy Pradeep, T. ; **Schäfer A.I.** ; Richards, B.S. (Co-Chairs) , 16-18 Oct 2011, IIT Chennai, India.
- [W17] UK Innovation Potential in Advanced Water Treatment: Future Directions & Strategy I **Schäfer A.I.** ; Walker M. ; Bower M. ; Ponton G. (Co-Chairs) 30 June 2011, Edinburgh, UK.
- [W16] Membrane Pore Transport Phenomena: Theory and Experiment **Schäfer A.I.** (Chair) 10 June 2010, Edinburgh, UK.
- [W15] Technology Innovations & Operational Issues of Small Scale Water Supplies **Schäfer A.I.** (Chair) 1 June 2010, Edinburgh, UK.
- [W14] Wetsus-Edinburgh University Membrane Technology Workshop **Schäfer A.I.** ; Zwijnenburg A. ; Temmink H. ; Richards B.S. (Co-Chairs) 4 Feb 2010, Heriot-Watt University, Edinburgh, UK.
- [W13] New Frontiers in Electrodialysis Research **Schäfer A.I.** (Chair) 9 Sept 2009, Edinburgh, UK.
- [W12] Exploring the Potential of Membranes in Nanotechnology & Micropollutant Research **Schäfer A.I.** (Chair) 21 May 2009, Edinburgh, UK.
- [W11] Water and Sanitation in International Development and Disaster Relief 2008 **Schäfer A.I.** (Chair) 28-30 May 2008, Edinburgh, UK.
- [W10] MICROPOL/ECOHazard 2007 Ternes, T. ; **Schäfer A.I.** (Co-Chairs) 17-20 June 2007, Dechema, Frankfurt, Germany.
- [W9] Integrated Concepts in Water Recycling; International Conference; **Schäfer A.I.** (Chair); Muston, M.; Khan, S. ; 14-17 Feb 2005, Novotel Wollongong, NSW, Australia.
- [W8] A Triple Bottom Line Approach to Water Recycling, Oz-Aquarec Workshop VI; **Schäfer A.I.** (Chair) 21 May 2004, Wollongong, NSW, Australia
- [W7] Membranes in Water Treatment and Recycling: Operational & Performance Issues, Oz-Aquarec Workshop V; **Schäfer A.I.** (Chair) 20 May 2004, Wollongong, NSW, Australia.

- [W6] Detection, Fate and Removal of Trace Contaminants, Oz-Aquarec Workshop IV; **Schäfer A.I.** (Chair) 13 Feb 2004, Wollongong, NSW, Australia.
- [W5] Technical Limitations in Water Recycling Processes, Oz-Aquarec Workshop II; **Schäfer A.I.** (Chair) 21 May 2003, Wollongong, NSW, Australia.
- [W4] Integrated Concepts for Advancing Sustainable Urban Water Management - Developing Interdisciplinary Research Agendas for Total Water Cycle Management, Oz-Aquarec Workshop I; **Schäfer A.I.** (Chair); 9 Dec 2002, Wollongong, NSW, Australia.
- [W3] Endocrine Disrupters, Workshop at the World Water Congress, IWA Specialist Group on Assessment and Control of Hazardous Substances in Water (ACHSW) Jacobsen, B.N. ; **Schäfer, A.I.** (Co-Chairs) April 2002, Melbourne, Australia.
- [W2] Recent Advances in Water Recycling Technologies, Workshop at the Environmental Protection Agency (QLD); **Schäfer A.I.** (Chair) ; Sherman, P.; Waite, T.D.; 26 November 2001, Brisbane, QLD, Australia.
- [W1] Environmental Engineering Research Event (EERE) - Environmental Engineering in Australia: Opportunities and Challenges, **Schäfer A.I.** & Basson, L. (Co-Chairs), 6-9 Dec 1998, Avoca Beach, Australia.

YOU TUBE

- [Y6] Field Trip Ngare Nanyuki Tanzania 2014
https://www.youtube.com/edit?o=U&video_id=kz6SCezdJyo
- [Y5] Field Trip Mdori Tanzania 2014
<https://www.youtube.com/watch?v=9zACMOM13As>
- [Y4] Research Retreat Craigower 2010
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