

Publikationsliste

Dr.-Ing. Olaf Goebel

1. Hirsch, T., Dersch, J., Goebel, O. u.a.: *Steps Towards a CSP Yield Calculation Guideline: A First Draft for Discussion in the SolarPACES Working Group guiSmo*, Proceedings of 22nd International Symposium on Solar Thermal Concentrating Technologies, Abu Dhabi, UAE, 11.-14. October 2016
2. Goebel, O., Geuder, N., Affolter, R., Dahleh, B., Al Khawaja, M., Wilbert, S., Pape, B., Pulvermueller, B.: *Validation of Direct Beam Irradiance Measurements From Rotating Shadowband Irradiometers in a Region With Different Atmospheric Conditions*, Journal of Solar Energy Engineering 138(5), 051007 (Jul 28, 2016) (8 pages) Paper No: SOL-11-1063; doi: 10.1115/1.4034070
3. Goebel, O., Hirsch, T., Bachelier, C., Eck, M., Dersch, J., Fluri, T., Giuliano, S., Haller, U., Lude, S., Meyer, R., Rau, C., Schenk, H., Schmidt, N., Seitz, M., Westphal, B., Yildiz, E.: *Steps Towards a CSP Yield Calculation Guideline*, Proceedings of 21st International Symposium on Solar Thermal Concentrating Technologies, Cape Town, South Africa, 13.-16. October 2015
4. Goebel, O., Tahboub, Z., Al Obaidli, A., Luque, F., Salbidegoitia, I., Hassar, Z., Oumbe, A., Bru, H., Geuder, N.: *Solar Beam Attenuation Test – Abu Dhabi*, Proceedings of 18th International Symposium on Solar Thermal Concentrating Technologies, Marrakech, Morocco, 11.-14. September 2012
5. Goebel, O., Luque, F.: *Shams One 100 MW CSP Plant in Abu Dhabi - Update on Project Status*, Proceedings of 18th International Symposium on Solar Thermal Concentrating Technologies, Marrakech, Morocco, 11.-14. September 2012
6. Geuder, N., Affolter, R., Goebel, O., Dahleh, B., Al Khwaja, M., Wilbert, S., Pape, B., Pulvermüller, B.: *Validation of direct beam irradiance measurements from rotating shadowband pyranometers in a different climate*, Proceedings of 16th International Symposium on Solar Thermal Concentrating Technologies, Perpignan, France, 21.-24. September 2010
7. Goebel, O.: *The Shams One, 100 MW CSP Plant in Abu Dhabi – Update on Project Status*, Proceedings of 16th International Symposium on Solar Thermal Concentrating Technologies, Perpignan, France, 21.-24. September 2010
8. Goebel, O.: *The Market for CSP in the MENA Region*, Proceedings of 15th International Symposium on Solar Thermal Concentrating Technologies, Berlin, Germany, 15.-18. September 2009
9. Goebel, O.: *Shams One, 100 MW CSP Plant in Abu Dhabi*, Proceedings of 15th International Symposium on Solar Thermal Concentrating Technologies, Berlin, Germany, 15.-18. September 2009
10. Goebel, O.: *Solar Thermal Co-Generation of Power and Water – Some aspects to be considered*, Proceedings of 13th International Symposium on Solar Thermal Concentrating Technologies, Sevilla, Spain, 19.-23. June 2006
11. Kershman, S., Rheinländer, J., Neumann, T., Goebel, O.: *Hybrid Wind/PV and Conventional Power for Desalination in Libya – Expectances from GECOL's Facility for*

Medium and Small Scale Research at Ras Ejder, EDS Conference on Desalination and the Environment, May 22nd - 25th 2005, La Spezia, Italy

12. Goebel, O.: *Providing an Overview of Water Demand and Desalination Projects in the Middle East*, MEED Power & Water Conference, March 22nd-24th 2004, Abu Dhabi
13. Goebel, O.: *Co-Generation of Power and Water - Which Desalination Process to be selected*, PowerGen Middle East Conference, Oct 13th – 15th 2003, Abu Dhabi
14. Goebel, O., Wiese, A.: *SOWELSI – Solar Water and Electricity for Sinai*, World Congress on Desalination and Water Reuse, Sept 28th – Oct 3rd 2003, Nassau, Bahamas
15. Rheinländer, J.; Perz, E.; Goebel, O.: *Performance Simulation of Integrated Water and Power Systems*, European Conference on Desalination and the Environment, May 4 – 8, 2003, Malta
16. Goebel, O., Stryk, A.: *Parabolic Trough Collector with Foldable Reflector, FCI: Design, Test Programme and Experiences*, 11th International Symposium on Concentrating Solar Power and Chemical Energy Technologies, September 4-6 2002, Zürich, Switzerland
17. Stryk, A., Goebel, O.: *Neuer Parabolrinnen-Kollektor*. BWK (Brennstoff Wärme Kraft) Bd. 53 (2001) Nr. 7/8
18. Goebel, O.: *Direct Solar Steam Generation in Parabolic Troughs (DISS) - Update on Project Status and Future Planning*, PowerGen '99, June 3-6, 1999, Frankfurt, Germany
19. Goebel, O.: *Thermohydraulics of Direct Steam Generation*. Proceedings of 9th International Symposium on Solar Thermal Concentrating Technologies, Odeillo, France, 22.-26. Juni 1998
20. Steinmann, W. D., Goebel, O.: *Investigation of the Stationary and Transient Characteristics of Parabolic Trough Collectors for Direct Steam Generation*. Proceedings of ASME Int. Solar Energy Conference, June 13-17, 1998, Albuquerque, NM
21. Buck, R., Goebel, O., Koehne, R., Tamme, R., Trieb, F.: *Advanced Solar/Fossil Combined Power Plants*. Proceedings of Intern. Conference on Energy and Environment, Shanghai, China, April 1998
22. Yildirim, F., Goebel, O.: *Heat Transfer Experiments on Two Phase Flow in Horizontal Tubes with Nonuniform Heating*. Proceedings of the 4th World Conference on Experimental Heat Transfer, Fluid Mechanics and Thermodynamics, S. 1067-1074, Brussels 2.-6. June 1997
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25. Goebel, O.; Hennecke, K.: *Investigation of Thermohydraulics in a Parabolic Trough Absorber Tube with Direct Steam Generation (DSG)*. Proceedings 8th International Symposium on Solar Thermal Concentrating Technologies, Köln, Oct 6 - 11 1996
26. Geskes, P., Goebel, O.: *Improvement of the Heat Transfer Behaviour in Absorber Pipes with Direct Steam Generation*. Proceedings of the Eurosun '96 Conference, Freiburg, Sept. 16-19. 1996
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29. Goebel, O.; Laing, D.: *Second Generation Heat Pipe Receiver for a USAB-V-160 Stirling Engine: Development and On-Sun Test Results*. Proceedings 28th IECEC, 8.- 13. Aug. 1993, Atlanta (GA), USA, S. 2.539 - 2.545
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¹Intersociety Energy Conversion Engineering Conference

²Deutsche Gesellschaft für Luft und Raumfahrt