

2013 Publications of UNLV's Center for Energy Research

- **R. Boehm**, "Future of buildings: Zero energy or peak reduction?" *International Conference on Efficiency, Cost, Optimisation, Simulation, and Environmental Impact of Energy Systems (ECOS)*, Guilin, China, 2013.
- **R. Boehm**, "The status of solar energy development in Taiwan." *International Conference on Efficiency, Cost, Optimisation, Simulation, and Environmental Impact of Energy Systems (ECOS)* Guilin, China, 2013.
- K.-T. Hsieh, P.-C. Tsao, D.-S. Lee, T.-C. Hung, Y. Chen, Y.-S. Tseng, C. N. Kim, "A study of passive removal for decay heat in the spent fuel pool," *Proceedings of IWHT2013, 2013 International Workshop on Heat Transfer Advances for Energy Conservation and Pollution Control*, Xi'an, China, 409-412, 2013. doi: 10.4028/www.scientific.net/AMM.275-277.409
- J. Johnson, K. Hurayb, **Y. Baghzouz**, "Economic evaluation of energy produced by a bifacial PV array in the era of time-of-use pricing," *IEEE International Conference on Clean Electric Power*, 2013.
- K.-C. Lan, **Y. Chen**, T.-C. Hung, H.-M. Tung, G.-P. Yu, "Simulation of the growth of oxide layer of stainless steels with chromium using cellular automaton model: Verification and parameter study," *Computational Materials Science*, **77**, 139-144. doi: <https://doi.org/10.1016/j.commatsci.2013.04.037>
- D.-S. Lee, K.-T. Hsieh, P.-C. Tsao, T.-C. Hung, **Y. Chen**, Y.-M. Ferng, "An experimental and numerical study of pressure drop and hydraulic behavior in scaled-down fuel bundle," *Applied Mechanics and Materials*, **275-277**, pp. 409-412, 2013. doi: 10.4028/www.scientific.net/AMM.275-277.409
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- T. Ma, M. Zeng, T. Luo, **Y. Chen**, and Q. Wang, "Numerical study on thermo-hydraulic performance of an offset-bubble primary surface channels," *Applied Thermal Engineering*, **61**(1), 44-53. 2013. doi: <https://doi.org/10.1016/j.applthermaleng.2013.03.026>
- W. Peng, **Y. Baghzouz**, S. Haddad, "Local load power factor correction by a grid-interactive PV inverter," *IEEE PowerTech*, Grenoble, France, 2013. doi: 10.1109/PTC.2013.6652412
- K. Soontrapa, **Y. Chen**, "Mono-sized sphere packing algorithm development using optimized Monte Carlo technique," *Advanced Powder Technology*, **24**, 955-961, 2013. doi: <https://doi.org/10.1016/j.appt.2013.01.007>