Paper ID: 84-Power control-based fuzzy and modulated hysteresis methods for micro-grid using a photovoltaic system

Paper ID: 167-Performance analysis of the 10 MWp photovoltaic plant of Tozeur in Tunisia

Paper ID: 188-Effect of an open crack on the output parameters of a heterojunction solar cell



Pierre-Olivier LOGERAIS is an Associate Professor in Energy Systems at the University Paris-Est Créteil (UPEC, France). He graduated with honors his State PhD (HDR) on the studies and the optimization of energy and mass transfers by modeling approaches in December 2016. After earning his PhD thesis on the radiative study of a Rapid Thermal System in 2007 and onwardly achieving a post-doctoral position on convective diffusion both at the École Nationale Supérieure d'Arts et Métiers (ENSAM) in Angers (France), he was appointed as a Senior Lecturer in September 2009 at the IUT of Sénart-Fontainebleau (UPEC, France) where he has been animating his research activities in the «Optimization of Sustainable Energy Systems» (OSED) team of the CERTES laboratory since then. In addition to his work on the modelling of energy and mass transfers for optimization purposes, which was the subject of his State PhD, since 2010 he has been leading a research on the impact of the operating environment on the performance of photovoltaic systems. He has been contributing since 2011 with his modeling skills to the completion of various collaborative projects on investigations related to energy systems such as wind turbines or convective-diffusion flows (Taylor diffusion, reanalysis, critical point) and over forty of his authored and co-authored articles are visible in international journals. He actually coordinates PhD thesis and research projects with academic and industrial partners on the durability of photovoltaic systems.