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太阳能·建筑一体化·节能环保

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论坛特邀嘉宾

Distinguished VIP

中山大学物理科学与工程学的教授。后来荣获了德国德累斯顿大斯顿硕士学位，回国以后建立了太阳能材料和纳米功能研究队伍。从2000年起，与德国的太阳能系研究所和应用研究所建立了密切的合作关系，沈辉教授主要从事能源供电纳米技术的研究。沈辉教授曾在04年第十四届国际太阳能会议上特邀做了专题学术报告，还与德国的太阳能系研究所合作。沈辉教授是中山大学博士生导师，现在带的研究生是24名，其中博士后5名，博士生5名及硕士生10名。

Prof. Shen Hui obtained his Doctor Degree in The Dresden University of Technology. He is now the tutor of doctor and the superintendent of Institute for Solar Energy Systems (ISES) and Institute of Power Electronics & Control Technology, Sun Yat-sen University. His research field focuses on Energy conversion and Photovoltaic physics, and mainly study on poly-silicon thin-film solar cell, dye-sensitized solar cell, selective solar spectrum absorption coating, nano-material and photovoltaic application. He has taken charge of more than twenty state or provincial projects such as "The 10th Five Years Key Programs", "863 Program", "National Foundation Project". Also establishing the united lab-base with several companies, ISES is now cooperating with many famous international research organizations such as Institute for Solar Energy Systems in Fraunhofer, Germany, where two graduate students of ISES are doing cooperated research for nearly one year. On the aspect of lecturing, Prof. Shen is in charge of courses such as "Solar Cell Technics", "Condensed State Physics Experimental Method" and "Analysis and measurement for Material".