

Conference Co-Chair



Huang Qiang, John
Vice-President, Trina Solar, China

Dr John Huang is Vice-president of Trina Solar Limited and Director of SKL of PV Science and Technology, China. He is a member of the national standards committee of China, the member of technical committee of the national opto-electrical and building integrated photovoltaic expert committee of China. He was the co-chairman for solar cell technology forum in the 10th and 11th China solar PV conferences and vice chairman of the technical committee for SNEC PV 2011 power Expo and conferences. He is the author of the technical progress in crystalline-Si-based solar PV for the annual report of Chinese chamber of commerce of renewable energy in 2009 and 2010. He is the national representative for China in IEC TC82 international technical committee working on the international PV standards, also the member of international scientific committee for the coming EUPVSEC 2011 in Hamburg, Germany.

Dr Huang got his Ph.D degree from National University of Singapore in 2001. He joined Trina Solar In May 2007. Before that, he served several technical and managerial positions in ST microelectronics, X-Fab Sarawak (Malaysia) Sdn. Bhd, and System on silicon Manufacturing Co. (a joint venture of Taiwan semiconductor and Philips) in Singapore. He published 30 plus research papers in the international research Journals and cited by science citation index for over 200 times. He hold 13 issued patents and 9 patent applications in the solar cell technologies. Under his leadership, Trina Solar's "Quad-max" prime modules with the industry leading cell efficiency up to 19.5% are in mass production. The electrical energy yield of Trina solar module was ranked to be world No. 2 by TÜV Rheinland Group Germany in 2008 and again ranked world No.2 by Desert Knowledge Australia at 2009.

黄强

天合光能有限公司副总裁

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黄强，新加坡国立大学博士，常州天合光能有限公司副总裁，光伏科学与技术国家重点实验室主任，IEC TC82光伏国际标准委员会的中国专家代表，2011年欧洲光伏技术大会EUPVSEC国际专家委员会委员。同时担任中国光电与建筑一体化专家委员会专家委员，中国国家标准委员会委员。曾任第10届和11届中国光伏技术大会电池分会主席，2011年上海SNEC光伏大会技术委员会副主席。2009年以来，为中国新能源商会年报晶体硅光伏技术进展撰稿人。

曾在意法半导体和台湾半导体新加坡分公司担任研发和高级管理职位。在国际权威学术刊物上发表SCI研究论文30余篇，SCI引用200多次。在太阳能技术方面，拥有13项授权专利，和9项专利申请。作为天合光能技术总负责人，09年自主研发“高迈Quadmax”单晶电池效率18.8%；2010年成功完成“高迈Quadmax”技术的产业化，已建成自主研发的高迈Quadmax电池产业化转化效率最高达19.5%。72片125x125mm的组件功率高达210W，处于光伏行业的领先水平。在2008年德国TUV光伏发电竞赛和2009年澳洲荒漠发电竞赛，天合组件发电能力两次位列全球第二。