

PROCEEDINGS OF SPIE

Zinc Oxide Materials and Devices IV

**Ferechteh Hosseini Teherani
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Editors

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Introduction

The year 2008 was a remarkable year for progress in the ZnO field. Over 5000 ZnO-related publications were recorded, including more papers than GaN in Applied Physics Letters and more papers than carbon nanotubes or nano-silicon in Nanoletters. The fourth Zinc Oxide Materials and Devices conference at Photonics West was another resounding success with a quality of results that reflected this extremely high level of research activity. We were treated to a choice selection of excellent contributions from many of the world's leading ZnO groups. Among the numerous highlights, we were able to catch up with the development of novel homojunction UV LEDs, novel hybrid green LEDs, highly efficient ZnO based photovoltaics, the latest breakthroughs in ZnO based transparent electronics and the emergence of a new kind of electronics based on ZnO nanopiezotronics and nanogenerators—to mention but a few! The organisers would like to take this opportunity to say a big thank you to all those who participated and to extend the invitation to join us in 2010, in San Francisco, for the next exciting chapter in the ZnO story...

We, the Chairs of this conference, Ferechteh Teherani, David Rogers, and Cole Litton, would like to extend our sincere thanks to Dr. David Look of Wright State University for his expertise and valuable help in organizing and running his topical conference on ZnO materials and devices.

Ferechteh Hosseini Teherani
Cole W. Litton
David J. Rogers