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Optics and Photonics for Information Processing IX

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Introduction

This year in San Diego, California, we held the ninth conference of Optics and Photonics for Information Processing. This year the conference attracted very interesting papers in a wide number of areas such as optical imaging, holographic and systems, digital optical processing, algorithms and detection. We highlighted two sessions of research in Mexico in the intelligent systems and signal processing areas. This conference track was preceded by an invited Signal, Image and Data Processing track-wide plenary talk by Professor Thrasyvoulos N. Pappas, Northwestern University, Chicago. He presented a lively hour long discussion on Textures with variety of algorithms and applications. The conference of Optics and Photonics for Information Processing IX was formally opened by an in-depth invited presentation by Dr. Jeffrey A. Davis from San Diego State University on fast Fresnel diffraction algorithm and its application in studying beam propagation through SLM, holograms, and modification of effective change of observation plane without any movement of optical elements. This conference welcomed presentations by Masters and PhD students. This was a successful conference with 47 oral and lively poster presentations in 8 sessions.

We thank all who helped making this an exciting conference from the audience to the authors. We look forward to seeing more presentations and participations from both next year.

Abdul Ahad S. Awwal
Khan M. Iffekharuddin
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