

EDS panel discussion on how to develop a scientific career in nanotechnology

An Event Co-organized by:

Prof. Mario Lanza

Chair of the Nanotechnology Committee of the Electron Devices Society

and

Prof. Navakanta Bhat

Vice President of Educational Activities of the Electron Devices Society



Submitted by:

Prof. Mario Lanza

Chair of the Nanotechnology Committee
of the Electron Devices Society

Application time: June 1st of 2021

Goal of the event:

This event is oriented to bachelor, master and PhD students who want to develop a scientific career in the field of electron devices and nanotechnology in general. It will be especially interesting for students who aim to find a master, PhD or postdoctoral position abroad. It will be also attractive for postdocs who are aiming to get a faculty position anywhere in the world.

The event will be focused on practical tips on how to prepare successful Emails, applications and networking that would increase the chances of students and postdocs to get a positive response from the professors and institutions to which they are applying. Specific questions in this direction will be answered by the panelists, and examples may be given. Comments on general strategy, publications and applications for funding for postdocs and young group leaders will be also shared.

Format of the event:

The event will consist on a panel discussion with one moderator and five panelists, all of them scientists at different stages of their career. The event will be divided in three parts:

* *Introduction:* The moderator will introduce himself, and will make a short presentation (showing few slides) about the problem that will be discussed. He will also introduce the panelists. This will take around 15 minutes.

* *Programmed questions:* The moderator will prepare five questions and the panelists will have to elaborate an answer for three minutes. The total length of this part of the event is 75 minutes. The panelists will receive an Email with the questions before the event, so that they can prepare a bit their answers.

* *Questions from the audience:* The audience will be allowed to ask questions to the panelists for 15 minutes more. If we receive many questions, this part might be enlarged up to 30 minutes.

Date of the event:

San Francisco (USA) time: September 2nd of 2021 at 8 pm

Austin (USA) time: September 2nd of 2021 at 10 pm

New Jersey (USA) time: September 2nd at 11 pm (Official EDS time)

Riyadh (Saudi Arabia) time: September 3rd of 2021 at 6 am

Delhi (India) time: September 3rd of 2021 at 8:30 am

Beijing (China) time: September 3rd of 2021 at 11 am

Place and duration: The connection will be via Zoom and the meeting is expected to be 2 hours

Participants:

Moderator: Dr. Mario Lanza, Associate Professor at King Abdullah University of Science and Technology, Saudi Arabia

Panelist 1: Dr. Deji Akinwande, Full Professor at University of Texas at Austin, USA

Panelist 2: Dr. Amritesh Rai, Process Integration Engineer, Intel Corporation, USA

Panelist 3: Dr. Zhongrui Wang, Assistant Professor, The University of Hong Kong, China

Panelist 4: Dr. Fei Hui, Postdoctoral Fellow at Technion, Israel Institute of Technology, Israel

Panelist 5: Mr. Kalaivanan Loganathan, PhD student at King Abdullah University of Science and Technology, Saudi Arabia