

IVEC 2021

Natanael Ayllon, Roberto Dionisio, Felix Mentgen

IVEC 2021 Virtual Event

27 – 30 April 2021

27 April: Short course

28 - 30 April: Conference

The 22nd International Conference on Vacuum Electronics is organised and sponsored by the European Space Agency (ESA) with the Technical co-sponsorship of the IEEE Electron Devices Society (EDS).

Organising committee:

Natanael Ayllon (ESA)

Roberto Dionisio (ESA)

Felix Mentgen (ESA)

John Jelonnek (KIT) *TPC chair*

Philippe Thouvenin (Thales) *TPC co-chair*

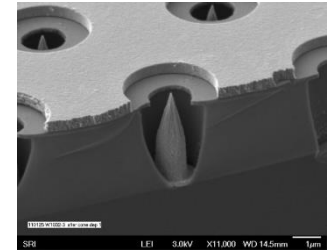
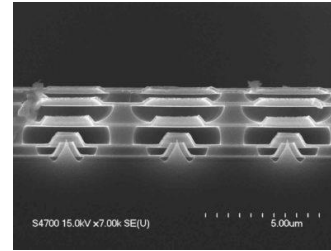


Highlights of IVEC 2021

Nano vacuum electronics special edition

- Dedicated focus session supported by ad-hoc topic in the call for paper
- Experts in the TPC
- 1.5 hour mini course

- Nominated for plenary talk and keynote speech:



Prof. Ibitayo Akinwande



Prof. Dimitris Pavlidis

Invited Plenary Speakers



Yaxin Zhang, UESTC, China, Secretary General of the Chinese THz Society
about: Terahertz Vacuum Electron Devices and Applications in wireless Communication and Imaging Systems



Dimitris Pavlidis, FIU, USA, Director of Emerging Research Programs
about: Vacuum Nanoelectronic Devices: Novel Electron Sources and Applications
(final content and title will be provided in time)



Erk Jensen, CERN, Switzerland, Group Leader BE-RF
about: Status and Future of Vacuum Electronics for Particle Accelerators
(final content and title will be provided in time)



Ernst Bosch, Thales, Germany, Senior Expert RFM Subsystems
about: Future of Electric propulsion / plasma thruster in space applications
(proposed to be in conjunction with ESA, final content and title will be provided in time)

