



# METAFORUM2023

**International Forum on Metamaterials and Plasmonics**

April 10, 2023 | Virtual

metaforum2023@continuumforums.com  
<https://www.continuumforums.com/2023/metaforum>

April 10, 2023

Beijing Time Zone (GMT+8)

Virtual Presentations

09:00 - 09:10 Introduction & Opening Words by Honorary Conference Chair:  
Rodrigo Martins, Nova School of Science & Technology, Portugal

09:10 - 09:20 Introduction & Opening Words Honorary Conference Co-Chair:  
Walid Daoud, City University of Hong Kong

Sessions

09:20 - 10:00 P Title: Interface and Design Engineering for High Performance Flexible Perovskite Solar Cells  
Daoud Walid, City University of Hong Kong, Hong Kong

10:00 - 10:30 K Title: Engineered Plasmonic materials for Biomedical Applications  
Xiangwei Zhao, Southeast University, China

10:30 - 10:55 I Title: Reconfigurable and Tunable Metadevices  
Yu Sheng Lin, Sun Yat Sen University, China

10:55 - 11:35 P Title: Chirality control in Single Gold Nanoparticle  
Ki Tae Nam, Seoul National University, Korea

11:35 - 12:00 I Title: Research progress on Auxetic Metamaterials  
Xin Ren, Nanjing Tech University, China

12:00 - 12:40 P Title: Liquid Crystal Photoaligned by Azodye Nano Layers: Physics & Applications  
Vladimir Chigrinov, Hong Kong University of Science & Technology

12:40 - 13:05 I Title: Strongly coupled Plasmonic Nanostructures  
Zigmas Balevicius, Center for Physical Sciences & Technology, Lithuania

13:05 - 13:30 I Title: Metamaterials and Plasmonics....  
Reza Kamarian, Azad University, Iran

13:30 - 14:10 P Title: Magnetolectric Electrodynamics: Fields and Materials  
Eugene Kamenetskii, Ben Gurion University, Israel

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| <b>14:10 - 14:35</b> | <b>I</b> | <b>Title: Electron acceleration due to Hermite Cosh Gaussian Laser beam</b><br><b>Jyoti Rajput, Lovely Professional University, India</b>  |
| <b>14:35 - 15:00</b> | <b>I</b> | <b>Title: Nuclear Acoustic modes in Compact Astroobjects</b><br><b>Pralay Kumar Karmakar, Tezpur University, India</b>   |
| <b>15:00 - 15:40</b> | <b>P</b> | <b>Title: Active Metasurface devices for Terahertz field modulation</b><br><b>Zhang Yan, Capital Normal University, China</b>  |
| <b>15:40 - 16:05</b> | <b>I</b> | <b>Title: Tunability of multiple defect modes localization in 1D Quasiphotonic Bandgap structures.</b><br><b>Youssef Trabelsi, University of Tunis El Manar, Tunisia</b>         |
| <b>16:05 - 16:30</b> | <b>I</b> | <b>Title: Nonlocal approach to energy bands in periodic lattices and emergence of Electron mass enhancement</b><br><b>Rami Ahmad El Nabulsi, Chiang Mai University, Thailand</b> |
| <b>16:30 - 17:00</b> | <b>K</b> | <b>Title: Active Materials for Photonics Applications</b><br><b>Mohamed F. Hameed, Zewail City of Science &amp; Technology, Egypt</b>  |
| <b>17:00 - 17:40</b> | <b>P</b> | <b>Title: Advanced Materials for Energy Efficient Printable Electronics</b><br><b>Rodrigo Martins, Nova School of Science &amp; Technology, Portugal</b>                         |

**Closing the Virtual Conference**