## CaSToRC: HPC National Competence Center Spring 2021 Online Seminar Series

| 12 Jan | <b>Dr. Christos Christodoulou</b><br>(The Cyprus Institute)                                      | Fostering innovation with HPC, Advanced Simulations,<br>AI and Big Data<br>(Joint EuroCC/SimEA seminar series)   |
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| 19 Jan | Asst. Prof. Vangelis Daskalakis<br>(Cyprus University of Technology)                             | High-Performance Computing in Structural Biology<br>(EuroCC seminar series)  |
| 26 Jan | <b>Prof. Panagiotis Grammatikopoulos</b><br>(Okinawa Institute of Science and                    | Computer Simulation Aspects of Nanoparticle and<br>Nanodevice Design   |
| 2 Feb  | Technology)<br><b>Prof. Zoe Cournia</b><br>(Academy of Athens)                                   | (SimEA seminar series)<br>Multiscale Modeling of Biomolecules and Materials<br>(Joint EuroCC/SimEA seminar series)   |
| 16 Feb | <b>Dr. Marios Zacharias</b><br>(Cyprus University of Technology)                                 | Special Displacement Method for the Calculation of<br>Materials' Properties at Finite Temperatures<br>(Joint EuroCC/SimEA seminar series)  |
| 2 Mar  | <b>Mr Brendan McGinty, Dr Seid Koric</b><br>(National Center for Supercomputing<br>Applications) | NCSA Industry Overview with Computational<br>Breakthroughs and Synergies with Artificial Intelligence<br>(Joint EuroCC/SimEA seminar series)                                     |
| 9 Mar  | <b>Dr. Thomas Montenegro-Johnson</b><br>(Birmingham University)                                  | Active (non-) Particles: Donuts, Curved Rods, and<br>Flexibility<br>(SimEA seminar series)   |
| 16 Mar | <b>Prof. Martha Constantinou</b><br>(Temple University)  | Synergy of High-Performance Computing and Nuclear<br>Physics to Resolve Long-standing Puzzles: The Proton Spin<br>and Mass   |
| 23 Mar | <b>Dr. Igor Chernyavsky</b><br>(The University of Manchester)                                    | TBC<br>(SimEA seminar series)  |
| 6 Apr  | <b>Prof. George Froudakis</b><br>(University of Crete)   | Designing Novel Nanoporous Materials for Applications in<br>Energy and Environment. From Multi-Scale Modeling to<br>Materials Informatics<br>(Joint EuroCC/SimEA seminar series) |
| 20 Apr | <b>Prof. Andreas Efstathiou</b><br>(European University Cyprus)                                  | The CYGNUS Models for the Spectral Energy Distributions of Galaxies and their Supermassive Black Holes   |

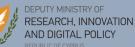
(Joint EuroCC/SimEA seminar series)

You can watch the webinars live on the allocated dates at 16:00 (Cyprus time) via Zoom: <u>https://zoom.us/j/9947402955?pwd=Um8wdTdHeStFMTM3LzNRL3I3Umc5QT09</u>; Passcode: VsSCz1 To receive updates on these events, register at: <u>https://www.meetup.com/high-performance-computing-cyprus/</u>



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