International Committee on Electromagnetic Safety

Preliminary Technical Program

IEEE ICES Workshop on Computational Bioelectromagnetics

9:00-11:30 (EST), February 19, 2024
9:00-11:30 (EST), February 20, 2024
*Tokyo 23:00-1:30, Beijing 22:00-0:30, CET 15:00-17:30, PST 6:00-8:30

(Remote: Link to be Sent after Registration)

Registration: https://forms.gle/2fe8uYZRthB6T6VB6 (Deadline: February 18, 2024)

1st Day (19 February 2024)
Welcome Address
Opening Remarks
1. Exposures to Millimeter-Wave Radiations in 5G and Beyond  
   Chou (TC95 Chair)
2. Low-Frequency Dosimetry (TBD)  
   Foster/Maxson/Chou
   Omar/Zollman
3. Nerve Activation Modeling (TBD)  
   Giaccone
4. Recent Advances and Challenges in Computational Dosimetry above 6 GHz  
   Kodera/Li/Kaburkuk
5. Uncertainties in Computational Dosimetry and the Mitigation Method  
   Diao/Laakso

2nd Day (20 February 2024)

6. Tissue Dielectric Properties: Recent Status and Prospects  
   Sasaki/Schmid
7. Intercomparison Studies on Spatially Averaged Incident and Epithelial 
   /Absorbed Power Densities Using Different Skin Models  
   Li/El-Hajj
8. Deterministic-Stochastic Modeling in Electromagnetic-Thermal Dosimetry  
   Poljak
   All
   SC6 Chairs
International Committee on Electromagnetic Safety

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Wout Joseph (Ghent University, Belgium)
Dragan Poljak (University of Split, Croatia)

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Organized by IEEE ICES TC95 SC6 (Chairs: Akimasa Hirata and Yinliang Diao)
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