



# ICES

## 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)

#### 1<sup>st</sup> Day (19 February 2024)

Welcome Address

*Chou (TC95 Chair)*

Opening Remarks

*Workshop Chairs*

1. Exposures to Millimeter-Wave Radiations in 5G and Beyond

*Foster/Maxson/Chou/*

*Omar/Zollman*

2. Low-Frequency Dosimetry (TBD)

*Giaccone*

3. Nerve Activation Modeling (TBD)

*Tanghe/ Laakso*

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*

#### 2<sup>nd</sup> 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*

Discussion

*All*

Closing Remark

*SC6 Chairs*



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## International Committee on Electromagnetic Safety

### ***Workshop Chairs***

Yinliang Diao (South China Agricultural University, China)

Wout Joseph (Ghent University, Belgium)

Dragan Poljak (University of Split, Croatia)

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Alexandre Legros (Lawson Health Research Institute, Canada) (IEEE ICES TC95 SC3 Chair)

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Kenji Taguchi (Kitami University, Japan)

Emmeric Tanghe (University of Ghent, Belgium)

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

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