

# 2024 IEEE Smart World Congress

## IEEE UIC/ATC/DigitalTwin/Metaverse/PCDS/ScalCom

December 02-07, 2024, in Fiji

### Program Overview

#### Day 1 (Monday, 12/2)

14:00 - 17:00 Registration

#### Day 2 (Tuesday, 12/3)

08:00 - 17:00 Registration

08:30 - 09:20 **Opening Ceremony** (Golden Ball Room)

Keynote Talks 1 & 2 (Golden Ball Room)

09:20 - 10:40  
✧ Computational Psychophysiology and Mental Health  
✧ 3D Computer Vision with Applications to Autonomous Vehicles

10:40 - 11:00 Coffee Break

11:00 - 11:35 Panel 1: Riding the Wave: Smarter Digital Twins (Golden Ball Room)

11:35 - 12:40 Panel 2: Metaverse Unleashed: AI on Cyber Worlds (Golden Ball Room)

12:40 - 13:40 Lunch Break

13:40 - 15:40 Parallel Sessions  
(Onsite: Rewa, Gardenia, Frangipani) (Online: Tencent Meeting Rooms)

15:40 - 16:00 Coffee Break

16:00 - 18:00 Parallel Sessions  
(Onsite: Rewa, Gardenia, Frangipani) (Online: Tencent Meeting Rooms)

18:00 - 21:30 **Cocktail Reception** (Golden Ball Room)

#### Day 3 (Wednesday, 12/4)

08:00 - 17:00 Registration

Keynote Talk 3 (Golden Ball Room)

08:30 - 09:10  
✧ Safe, Collaboration-friendly, User-acceptable Perception and  
Localization for Autonomous Systems

09:10 - 10:20 Forum: Smart Women, Smart World (Golden Ball Room)

10:20 - 10:40 Coffee Break

Keynote Talks 4, 5 & 6 (Golden Ball Room)  
✧ Facial Sensing for Social Signal Analysis and Applications  
✧ Rethinking Privacy Protection in Federated Learning in the Face of  
Model Inversion Attacks  
✧ Development of Sustainable Urban Digital Twin

12:40 - 13:40 Lunch Break

13:40 - 15:40 Parallel Sessions  
(Onsite: Rewa, Gardenia, Frangipani) (Online: Tencent Meeting Rooms)

<b>15:40 - 16:00</b>	Coffee Break
<b>16:00 - 18:00</b>	Parallel Sessions (Onsite: Rewa, Gardenia, Frangipani) (Online: Tencent Meeting Rooms)
<b>18:00 - 10:00</b>	<b>Gala Dinner and Award Ceremony (Golden Ball Room)</b>

#### Day 4 (Thursday, 12/5)

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<b>08:00 - 16:00</b>	Registration
<b>08:30 - 10:30</b>	Parallel Sessions (Onsite: Rewa, Gardenia, Frangipani) (Online: Tencent Meeting Rooms)
<b>10:30 - 10:50</b>	Coffee Break
<b>10:50 - 12:40</b>	Parallel Sessions (Onsite: Rewa, Gardenia, Frangipani) (Online: Tencent Meeting Rooms)
<b>12:40 - 13:40</b>	Lunch Break
<b>13:40 - 15:40</b>	Parallel Sessions (Online: Tencent Meeting Rooms)
<b>15:40 - 16:00</b>	Session Break ( <i>No tea-coffee service</i> )
<b>16:00 - 18:00</b>	Parallel Sessions (Online: Tencent Meeting Rooms)
<b>18:30 - 21:30</b>	<b>IEEE Smart World TC/Organization Meeting</b>

#### Day 5 (Friday, 12/6)

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<b>08:30 - 10:30</b>	Parallel Sessions (Online: Tencent Meeting Rooms)
<b>10:30 - 10:50</b>	Session Break ( <i>No tea-coffee service</i> )
<b>10:50 - 12:40</b>	Parallel Sessions (Online: Tencent Meeting Rooms)
<b>12:40 - 13:40</b>	Session Break ( <i>No tea-coffee service</i> )
<b>13:40 - 15:40</b>	Parallel Sessions (Online: Tencent Meeting Rooms)
<b>15:40 - 16:00</b>	Session Break ( <i>No tea-coffee service</i> )
<b>16:00 - 18:00</b>	Parallel Sessions (Online: Tencent Meeting Rooms)

#### Day 6 (Saturday, 12/7)

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<b>09:00 - 11:20</b>	<b>Potential Research Collaborations with local universities</b>
<b>11:30 - 12:00</b>	<b>Closing Ceremony</b>