**Royal Society of Chemistry
Tokyo International Conference 2023:**
Data Processing and the Use of Smartphones
for Analytical Chemistry

7–8 September 2023

ROYAL SOCIETY
OF **CHEMISTRY**

**Thursday 7 September**

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| **09:00** | **Registration** |
| **09:30** | **Welcome and opening remarks**<br>Hideaki Hisamoto<br>*Osaka Metropolitan University* |
| **09:40** | **Plenary Lecture 1** |
| | **Deep Learning-enabled Computational Microscopy and Sensing**<br>Aydogan Ozcan<br>*University of California, Los Angeles* (UCLA) |
| **10:20** | **Flash Presentation 1**<br>*Presentation Numbers A1–A23* |
| **11:05** | **Break** |
| **11:20** | **Poster Session 1**<br>*Poster Numbers A1–A23* |
| **12:20** | **Lunch Break & Exhibition** |
| **14:20** | **Flash Presentation 2**<br>*Presentation Numbers A24–A46* |
| **15:05** | **Invited Lecture 1** |
| | **Paper-based optical chemosensor arrays**<br>Tsuyoshi Minami<br>*The University of Tokyo* |
| **15:35** | **Break** |
| **15:50** | **Plenary Lecture 2** |
| | **Unleashing the Potential of Nanomaterials and Smartphones for the development of Biosensing Technology and Diagnostics**<br>Suna Timur<br>*Ege University* |
| **16:30** | **Poster Session 2**<br>*Poster Numbers A24–A46* |

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**Friday 8 September**

| Time | Session |
|---|---|
| **9:30** | **Flash Presentation 3**<br>*Presentation Numbers A47–A69* |
| **10:15** | **Plenary Lecture 3** |
| | **Smartphone Technologies for Point-of-Care Diagnostics**<br>Ali Yetisen<br>*Imperial College London* |
| **10:55** | **Break** |
| **11:10** | **Invited Lecture 3** |
| | **Material based Induction of Neural Stem Cell Spheroid and the Application of Brain on a Chip**<br>I-Chi Lee<br>*National Tsing Hua University* |
| **11:40** | **Lunch Break & Exhibition** |
| **13:40** | **Poster Session 3**<br>*Poster Numbers A47–A69* |
| **14:40** | **Publishing with Impact**<br>Antony Galea<br>*Royal Society of Chemistry* |
| **15:00** | **Plenary Lecture 4** |
| | **Point-of-care Molecular Diagnostics on Smartphone**<br>Tae Seok Seo<br>*Kyung Hee University* |
| **15:40** | **Break** |
| **15:55** | **Invited Lecture 3** |
| | **Wearable sweat glucose sensor designed as a waist strap connected with a smartphone readout**<br>Nadnudda Rodthongkum<br>*Chulalongkorn University* |
| **16:25** | **Invited Lecture 4** |
| | **Development of Microfluidic Biosensor with Smartphones and its Application in Rapid Detection of Foodborne Pathogens**<br>Ling Lin<br>*Beijing Technology and Business University* |
| **16:55** | **Poster Award Ceremony & Closing Remarks**<br>Daniel Citterio<br>*Keio University* |