

2024 IEEE International Symposium on Olfaction and Electronic Nose (ISOEN 2024)

**Grapevine, Texas, USA
12-15 May 2024**



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Tutorials: Sunday, May 12, 2024

9:00 AM – 10:10 AM

Tutorial 1: Next generation gas sensors: surprising advantages over last-century designs drive societal impact...N/A

Speaker: Radislav A. Potyrailo, GE Research, Niskayuna, NY, USA

Champanel I and II

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Coffee Break

Chenin Blanc I

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Tutorial 2: Olfactory biosensors and biomimetic electronic noses...N/A

Speaker: Yanxia HOU-BROUTIN, French National Center for Scientific Research, France

Champanel I and II

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Tutorial 3: From graphene to beyond: unveiling the potential of 2D materials in gas sensing application...N/A

Speaker: Shirong Huang, TU Dresden, Germany

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Chenin Blanc I

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Speaker: Mārcis Leja, University of Latvia, Riga, Latvia

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Tutorial 5: Translating technologies to biomedical applications...N/A

Speaker: Chiara Veneroni, Politecnico di Milano, Italy

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Speaker: Jordi Fonollosa, Universitat Politècnica de Catalunya, Barcelona, Spain

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Grapevine Convention Center

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Main Hall, Concord I

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Vanessa Escobar{1}, Sophie Brenet{1}, Charlotte Hurot{1}, Marielle El Kazzy{1}, Arnaud Buhot{1}, Natale Scaramozzino{2}, Yanxia Hou{1}
{1}Grenoble Alpes University, CEA, CNRS, IRIG-SyMMES, France; {2}Grenoble Alpes University, CNRS, LIPhy, France

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Xi'an Jiaotong University, China

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{1}Northeastern University, United States; {2}TDK Invensense, United States

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{1}Lab for Measurement Technology, Saarland University, Germany; {2}Saarland University, Germany

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{1}Georgia Institute of Technology, United States; {2}University of Minnesota, United States

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Korea Institute of Industrial Technology, Korea

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{1}Baylor University, United States; {2}University of Texas at Dallas, United States

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{1}DAM Depuración de Aguas del Mediterráneo, Spain; {2}Institute for Bioengineering of Catalonia, Spain; {3}Politecnico di Milano, Italy; {4}Universitat de Barcelona, Spain

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Maria Loura, Cláudia P. Passos, Manuel A. Coimbra, Sílvia Petronilho, Alisa Rudnitskaya
Universidade de Aveiro, Portugal

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Xavier Cetó{2}, Dionisia Ortiz-Aguayo{2}, Gemma Gabriel{1}, Manel del Valle{2}
{1}Institute of Microelectronics of Barcelona, Spain; {2}Universitat Autònoma de Barcelona, Spain

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{1}Biosensor National Special Laboratory, Zhejiang University, China; {2}Zhejiang University, China

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{1}Biosensor National Special Laboratory, Zhejiang University, China; {2}e-LinCare Meditech Co.,Ltd, China; {3}Sir Run Run Shaw Hospital, Zhejiang University, China

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ISOCS General Assembly

Main Hall, Concord I

Technical Program: Tuesday, May 14, 2024

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{1}DLR German Aerospace Center, Germany; {2}Technische Universität München, Germany

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{1}Biosensor National Special Laboratory, Zhejiang University, China; {2}Zhejiang University, China

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Universitat Autònoma de Barcelona, Spain

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{1}SINTEF, Norway; {2}Universidade de Aveiro, Portugal

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Cumeras{3}, Rocío López Rubio{3}

{1}Universidad de Pamplona, Colombia; {2}Universidad de Pamplona, Universidad Rovira i Virgili, Colombia; {3}Universitat Rovira i Virgili, Spain

1:00 PM – 2:00 PM

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{1}National Agriculture and Food Research Organization, Japan; {2}National Institute for Materials Science, Japan

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{1}ESPCI, France; {2}ESPCI / SenseDetect Health-Care, France; {3}SenseDetect Health-Care, France

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{1}Biosensor National Special Laboratory, Zhejiang University, China; {2}Zhejiang University, China

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{1}Bundesanstalt für Materialforschung und -prüfung, Germany; {2}Technische Universität München, Germany

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{1}Centro de Investigaciones Científicas y Tecnológicas de Extremadura, Spain; {2}Universidad de Extremadura, Spain

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{1}Advanced Sensing Technologies, United Kingdom; {2}North Carolina State University, United States

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University of Warwick, United Kingdom

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Daniel Marín López{1}, Alba Alegria-Sala{2}, Lluç Canals Casals{2}, Jordi Fonollosa{1}, Marcel Macarulla{2}
{1}B2Slab, Department of Automatic Control (ESAI) Universitat Politècnica de Catalunya (UPC), Spain; {2}Department of Project and Construction Engineering
Universitat Politècnica de Catalunya (UPC), Spain

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Sniffest

Main Hall, Concord I

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ISOEN 2024 Conference Dinner

The Grapevine Convention and Visitors Bureau

Technical Program: Wednesday, May 15, 2024

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Keynote Speaker: Ping Wang, Zhejiang University, Hangzhou, China

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{1}Università degli Studi di Firenze, Italy; {2}Università degli Studi di Roma Tor Vergata, Italy

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{1}Bundesanstalt für Materialforschung und -prüfung, Germany; {2}Örebro University, Sweden; {3}Technische Universität München, Germany

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{1}Tokyo University of Agriculture and Technology, Japan; {2}University of Electro-Communications, Japan

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