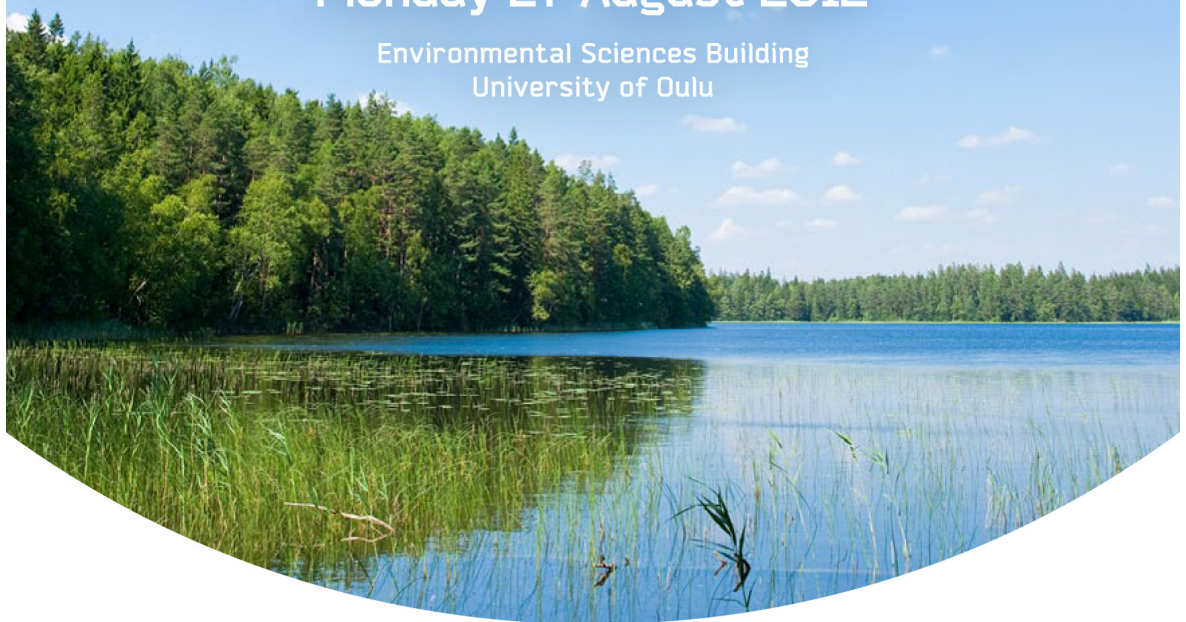


THE 3<sup>RD</sup>  
**OULU-HALLYM  
INTERNATIONAL  
SYMPOSIUM**

**Monday 27 August 2012**

Environmental Sciences Building  
University of Oulu



UNIVERSITY of OULU  
OULUN YLIOPISTO



**HALLYM**  
UNIVERSITY



8.30 – 09.00

Registration

9.00 – 09.15

Opening Ceremony

Welcoming Words

Lauri Lajunen, President, University of Oulu

Address of the Hallym University

Dai-Won Yoon, Chairman of Board of Trustees,

Ilsong Educational Foundation,

Hallym University

## SESSION I

## ENVIRONMENT

*Chairman:*

Kari Laine, Ph.D., Director of Thule, Professor

University of Oulu

9.15 – 9.45

**Nitrous Oxide Emission from Advanced Wastewater Treatment Plant**

Dong-Jin Kim, Ph.D., P.E., Professor, Hallym University

9.45 – 10.10

**Sustainable Abatement and Use of Gaseous Emissions in Process Industry**

Riitta Keiski, D.Sc. (Eng.), Professor, University of Oulu

10.10 – 10.40

**Hybrid Water Treatment by Membrane Separation and Photocatalyst**

Jin Yong Park, Ph.D., Professor, Hallym University

10.40 – 11.10

**Recent Developments in Intelligent and Focused Water Technology**

Case: Computational Chemistry

Giorgio Lanzani, Ph.D., University of Oulu

Jaakko Rämö, D.Sc. (Tech.), University of Oulu

11.10 – 12.20

Lunch

## SESSION I continues

- 12.20 – 12.50      **Fugitive Emission Characteristics of HFC-134a from Passenger Vehicles**  
Seungdo Kim, Ph.D., Professor, Hallym University
- 12.50 – 13.15      **Waste and Energy Synergies; Smart Energy Networks in the North**  
Eva Pongracz, D.Sc. (Tech.), University of Oulu  
Antonio Caló, Ph.D., University of Oulu

## SESSION II

## MEDICINE

*Chairman:*

Markku Savolainen, MD, Ph.D., Professor  
University of Oulu

- 13.15 – 13.45      **Clinical meaning of Endothelial function in Coronary Artery Disease**  
Kyoung-Ha Park, MD, Ph.D., Associate Professor,  
Hallym University
- 13.45 – 14.10      **Sudden Cardiac Death Caused by Coronary Heart Disease**  
Juhani Junttila, MD, Ph.D.,  
University of Oulu / Oulu University Hospital
- 14.10 – 14.30      Coffee Break

## SESSION II continues

- 14.30 – 15.00      **Engineered Skin Substitute**  
Wook Chun, MD, Ph.D., Associate Professor,  
Hallym University
- 15.00 – 15.25      **Development of Biobanking in Finland**  
Eeva-Riitta Savolainen, MD, Ph.D.,  
University of Oulu / Oulu University Hospital
- 15.25 – 15.55      **Genetic Epidemiology of Aspirin-Intolerant Asthma in Korean Population**  
Jeong-Hee Choi, MD, Ph.D., Associate Professor,  
Hallym University

The 3<sup>rd</sup> Oulu-Hallym International Symposium

15.55 – 16.20	<b>Worldwide Burden of Disease from Exposure to Second-Hand Smoke</b> Maritta Jaakkola, MD, Ph.D., Professor, University of Oulu
16.20 – 16.30	<b>Closing Words of the Symposium</b> Hae-Ran Lee, President, Hallym Medical Center Markku Savolainen, MD, Ph.D., Professor, University of Oulu
16.30	<b>Closing Ceremony of the 3<sup>rd</sup> Oulu-Hallym International Symposium</b> Lauri Lajunen, President, University of Oulu
16.40	Official Group Photo