



## About ISOTT

**The International Society of Oxygen Transport to Tissue (ISOTT)** is an interdisciplinary society comprising about 250 members worldwide. Its purpose is to further the understanding of all aspects of the processes involved in the transport of oxygen from the air to its ultimate consumption in the cells of the various organs of the body.

The annual meeting brings together scientists, engineers, clinicians and mathematicians in a unique international forum for the exchange of information and knowledge, the updating of participants on latest developments and techniques, and the discussion of controversial issues within the field of oxygen transport to tissue.

Founded in 1973, the society has been the leading platform for the presentation of many of the technological and conceptual developments within the field both at the meetings themselves and in the proceedings of the society. These have been published by Kluwer Academic/Plenum Publishers in its *Advances in Experimental Medicine and Biology* series and lately by Springer.

Examples of areas in which members have made highly significant contributions include electrode techniques, spectrophotometric methods, mathematical modeling of oxygen transport, the understanding of local regulation of oxygen supply to tissue and fluorocarbons/blood substitutes.

## 40th Annual Meeting

**ISOTT President**  
**Sabine Van Huffel, prof. dr. ir.**

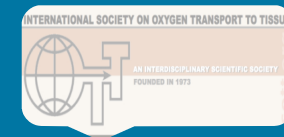
### Local organizing committee

**Sabine Van Huffel (Chair)**  
**Gunnar Nauelaers (Co-chair)**  
**Peter Hespel**  
**Bart Meyns**  
**Patrick Wouters**  
**Bernard Gallez**  
**Carine Michiels**

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## 40th Annual Meeting



**The international Society on Oxygen Transport to Tissue (ISOTT)**

**FIRST ANNOUNCEMENT**  
**August 19-24, 2012**

**NOVOTEL, BRUGES, BELGIUM**  
**K.U.Leuven**

**<http://isott.org/>**





## About Bruges



Located at Europe's centre, Belgium, and especially its historic city of Bruges, combines a medieval environment with the opportunity to appreciate the beauty of its architecture, the charm of its channels and the pride of its old buildings.



Being there will be the ideal place for the lovers of art and beauty and for sharing our science with a good Belgian beer.



INTERNATIONAL SOCIETY ON OXYGEN TRANSPORT TO TISSUE



AN INTERDISCIPLINARY SCIENTIFIC SOCIETY  
FOUNDED IN 1973

isott.org

## General information

**Date:** August 19-24 2012  
**Venue:** NOVOTEL, BRUGES, BELGIUM  
<http://isott.org/>

### Important Dates

15th April 2012: Deadline abstract submission  
1st July 2012: Deadline award nomination

### Keynote speakers

Frank van Bel  
Peter Hespel  
Patrick Wouters  
Shuhei Tomita  
Martin Wolf  
Terence Leung  
Bernard Gallez  
Michelle Puchowicz  
Qingming Luo

### Kovach Lecture

Peter Vaupel

### Mamora Tamura Memorial Lecture

Eiji Takahashi

### Scientific Topics

Systems Modeling  
Gas Transport  
Wound Healing  
Development  
Exercise  
Tumors  
Oxygen Sensors  
Altitude Adaptation  
Imaging/spectroscopy  
Angiogenesis  
Blood & Blood substitutes  
Near Infrared spectroscopy  
Mitochondrial metabolism