

# **1st EARSeL Workshop on Education and Training**

Thu, 05 Jun 2008      **Registration**

09:00

**Workshop Registration**

09:00 - 14:00

## 1st EARSeL Workshop on Education and Training

Thu, 05 Jun 2008      **Session 1, Room A**

14:00 **Joint Symposium and Workshop Keynotes**

**ESA Earth Observation Education Programmes: Achieved Results and Planned Activities**

Francesco Sarti, ESA ESTEC

14:00 - 14:40

**The Role of Satellite Images in Turkish School Education - Results of an International Comparative Study**

Isabelle Kollar, Alexandra Siegmund, UEH Heidelberg, Germany

14:40 - 14:50

**WS 2 Keynote: Remote Sensing and GIS for Developing Countries**

Gurcan Buyuksalih, Bimtas, Istanbul, Turkey, & Richard Sliuzas, ITC, Enschede, The Netherlands

14:50 - 15:15

**Symposium Closing Session**

Rudi Goossens, EARSeL Chairman

15:15 - 15:30

**Coffee Break**

15:30 - 16:00

## 1st EARSeL Workshop on Education and Training

Thu, 05 Jun 2008      **Session 2, Room E**

16:00

### **Workshop Opening**

16:00 - 16:15

16:15 **Remote Sensing Education at University and High Schools**  
**HyperTeach: Theoretical and Practical Training Course in Imaging Spectroscopy**

Ils Reusen, Bart Deronde et al., VITO, Belgium

Ils Reusen, Justin Ahanhanzo, Luc Bertels, Bart Deronde, Yucel Erbay, Max Fernandez, Marina Frederik, Rudy Herman, Els Knaeps, Cédric Lathuy, Koen Meuleman, Sias Mostert, Kevin Ruddick, Hartanto Sanjaya, Sindy Sterckx, Philippe Trefois, Jos Van Orshoven, Joost Vandenabeele, Jan Van Aardt, Adriaan Van Niekerk

16:15 - 16:35

### **Education in Remote Sensing at the Warsaw University**

Jan R. Oledzki, Warsaw University, Poland

Jan R. Oledzki

16:35 - 16:55

### **Remote sensing in higher education. Practical aspects from Geomatics and Surveying department at Technological Education Institute(TEI) of Serres, Greece**

Konstantinos Papatheodorou, Konstantinos Perakis, Alexandros Konstantinidis, University of Thessaly, Greece

Konstantinos Papatheodorou, Konstantinos Perakis, Alexandros Konstantinidis

16:55 - 17:15

### **LEOWorks - a Softwaretool for teaching Earth Observation**

Steffen Dransfeld, ESA/ESRIN, Frascati, Italy

Birgit Strømsholm

17:15 - 17:35

## 1st EARSeL Workshop on Education and Training

Thu, 05 Jun 2008      **Workshop Dinner**

19:30 Icebreaker and Workshop Dinner



Fri, 06 Jun 2008      **Session 3, Room E**

09:00 Remote Sensing for GMES Services

**Experiences of Capacity Building Activities with GMES and GEOSS**

Jan-Peter Mund, Olaf Kranz, et al., German Aerospace Center, Germany

Jan-Peter Mund, Olaf Kranz, Tobias Schneiderhan, Stefan Voigt

09:00 - 09:20

**GMES Service Element Forest Monitoring**

Gernot Ramminger, Barbara Koch, University Freiburg, Germany

Gernot Ramminger, Barbara Koch

09:20 - 09:40

09:40 Use of Remote Sensing in Schools

**Remote Sensing in Schools**

Isabelle Kollar, Alexander Siegmund, Alexandra Wolf, University of Education Heidelberg, Germany

Isabelle Kollar, Alexander Siegmund, Alexandra Wolf

09:40 - 10:00

**Inspiring Images**

Kerstin Voß, Roland Goetzke, Henryk Hodam, University Bonn, Germany

Kerstin Voß, Roland Goetzke, Henryk Hodam

10:00 - 10:20

**What can my GIS - software do for me? What should it be able to do?**

Josef D. Gspurning, IGR University of Graz, Austria

Josef D. Gspurning

10:20 - 10:40

**Cosmas, the Space Reporter**

Therese G.O. ONGENA, Philippe DE MAEYER, et al., University Gent, Belgium

Therese G.O. ONGENA, Philippe DE MAEYER, Beata DE VLIEGHER, Joris

VERBEKEN, Wouter VANNEUVILLE, Ruben MADDENS

10:40 - 11:00

**Coffee Break**

11:00 - 11:30

## 1st EARSeL Workshop on Education and Training

Fri, 06 Jun 2008      **Session 4, Room E**

11:30 Use of Remote Sensing in Schools (cont.)

**A new Geography from Space**

Markus M Eisl, Lothar Beckel, GEOSPACE International GmbH, Salzburg, Austria

Markus M Eisl, Lothar Beckel

11:30 - 11:50

**EDUSPACE - Experiences with Teacher Education in Austria**

Wolfgang Sulzer, University of Graz, Austria

Wolfgang Sulzer

11:50 - 12:10

12:10 The SEOS Project

**Science Education through Earth Observation for High Schools (SEOS) :  
development of an introductive eLearning tutorial**

Caroline Dandois Dutordoir, Belgian Science Policy Office, Brussels, Belgium

Caroline Dandois Dutordoir

12:10 - 12:30

**Ocean colour in the coastal zone**

Marieke A. Eleveld, Hendrik J van der Woerd, VU-IVM, Netherlands & Christina Klose, University Oldenburg, Germany,

Marieke A. Eleveld, Hendrik J van der Woerd, Christina Klose

12:30 - 12:50

12:50 Lunch

**Lunch**

12:50 - 14:00

## 1st EARSeL Workshop on Education and Training

Fri, 06 Jun 2008      **Session 5**

14:00 Discussion Session

**How can we improve the transfer of research to teaching in schools and universities?**

14:00 - 15:30

**Coffee Break**

15:30 - 16:00

## 1st EARSeL Workshop on Education and Training

Fri, 06 Jun 2008      **Session 6, Room E**

16:00 The SEOS Project (cont.)

**Introducing Earth Observation to high school curricula: Agriculture and Natural Resources Management modules**

Chariton Kalaitzidis, Ioannis Manakos, Konstantinos Perakis, Mediterranean Agronomic Institute of Chania, Greece

Chariton Kalaitzidis, Ioannis Manakos, Konstantinos Perakis

16:00 - 16:20

**Science Education through Earth Observation for High Schools. Module 7: Marine Pollution**

Christina Klose, et al., University of Oldenburg, Germany

Christina Klose, Valborg Byfield, Colette Robertson

16:20 - 16:40

**Science Education through Earth Observation for High Schools Module 8: Ocean Currents Measured from Space**

Valborg Byfield, Colette Robertson, Paolo Cipollini, National Oceanography Centre, Southampton, UK

Valborg Byfield, Colette Robertson, Paolo Cipollini

16:40 - 17:00

**E-Learning modules on optics in SEOS**

Rainer Reuter, University of Oldenburg, Germany

Rainer Reuter

17:00 - 17:20

17:20 Workshop Closing

**Workshop Closing**

17:20 - 17:40