

36th EARSeL Symposium 2016

Date: Monday, 20/Jun/2016

8:30am - 3:30pm	CO - 1: Conference Office Location: S 33			
9:00am - 11:00am	PL - 1: Opening Keynote Session Location: S 29/31 Chair: Prof. Lena Halounova , Czech Technical University in Prague, Czech Republic Chair: Prof. Gunter Menz , Bonn University, Department of Geography, Germany Welcome Speech by Prof. Dr. Michael Hoch (Rector of University of Bonn)			
11:00am - 11:30am	CB - 1: Coffee Break			
11:30am - 12:00pm	BU-1: Big Data and Earth Observation (icw T-Systems) Location: S 29/31 Chair: Dr. Frank Thonfeld , University of Bonn, Germany			
12:00pm - 1:30pm	LU - 1: Lunch			
1:30pm - 3:00pm	SE - 01: Disaster Risk Management 1 (icw UN-SPIDER) Location: S 29/31 Chair: Dr. Juan Carlos Villagran de Leon , UNOOSA / UN-SPIDER, Germany Chair: Dr. Joachim Post , United Nations Office for Outer Space Affairs, Germany	SE - 02: UAV, UAS & RPAS Location: S 30/32 Chair: Dr. Anna Zmarz , University of Warsaw, Poland Chair: Dr. Olena Dubovyk , University of Bonn, Germany	YSD - 01: Optical Remote Sensing & SAR Location: S 25/26 Chair: Dr. Francesco Sarti , ESA's European Space Research Institute (ESRIN), Italy ESA Earth Observation Program: an introduction to EO missions (including Sentinels, Earth Explorers, archived EO data and EO Data Access) and related educational programme.	
3:00pm - 3:30pm	CB - 2: Coffee Break			
3:30pm - 5:00pm	SE - 03: Developing Countries Location: S 29/31 Chair: Dr. Tobias Landmann , International Centre for Insect Physiology and Ecology (ICIPE), Kenya Chair: Dr. Klaus-Ulrich Komp , EFTAS, Germany	SE - 04: Land Ice and Snow Location: S 30/32 Chair: Prof. Matthias Braun , Friedrich-Alexander Universität Erlangen-Nürnberg, Germany Chair: Dr. Ulrike Falk , University of Bremen, Germany	UAV, UAS & RPAS - SIG Round Table Location: S 33	YSD - 02: Optical Remote Sensing Location: S 25/26 Chair: Dr. Thomas Bahr , Harris Corporation, Germany In this interactive workshop you will learn a) the latest techniques of the ENVI platform for spatio-temporal analysis and b) the generation and evaluation of photogrammetric point clouds, both on the basis of selected exercises.
7:00pm - 9:30pm	Ice Breaker			

Date: Tuesday, 21/Jun/2016

8:30am - 5:00pm	CO - 2: Conference Office Location: S 33		
9:00am - 10:30am	PL - 2: Keynote Session Location: S 29/31 Chair: Prof. Martin Werner Kappas , University of Goettingen, Germany		
10:30am - 11:00am	CB - 3: Coffee Break		
11:00am - 12:30pm	SE - 06: Earth Observation in Peace & Conflict Studies Location: S 30/32 Chair: Prof. Klaus Greve , University of Bonn, Germany Chair: Lars Wirkus , Bonn International Center for Conversion - BICC, Germany	YSD - 03: Optical Remote Sensing Location: S 25/26 Chair: Dr. Samantha Jane Lavender , Pixalytics Ltd, United Kingdom Chair: Adriana Marcinkowska-Ochtyra , University of Warsaw, Faculty of Geography and Regional Studies, Poland The aim of the training course is to provide a practical session where the participants can experiment with using the Sentinel Application Platform (SNAP) toolbox alongside Quantum GIS (QGIS).	
11:00am - 1:00pm	SE - 05: Copernicus: Data, Tools, Applications and German Contributions (icw DLR) Location: S 29/31 Chair: Dr. Jörn Hoffmann , DLR, Germany Chair: Dr. Bianca Hoersch , ESA's European Space Research Institute (ESRIN), Italy		
12:30pm - 2:00pm	LU - 2: Lunch		
2:00pm - 3:30pm	SE - 07: Disaster Risk Management 2 (icw UN-SPIDER) Location: S 29/31 Chair: Dr. Juan Carlos Villagran de Leon , UNOOSA / UN-SPIDER, Germany Chair: Dr. Joachim Post , United Nations Office for Outer Space Affairs, Germany	SE - 08: Land Degradation Location: S 30/32 Chair: Dr. Tobias Landmann , International Centre for Insect Physiology and Ecology (ICIPE), Kenya Chair: Dr. Olena Dubovyk , University of Bonn, Germany	YSD - 04: Big Data with MATLAB Location: S 25/26 Chair: Dmitrij Martynenko , Mathworks, Germany Chair: Edwin Raczko , University of Warsaw, Faculty of Geography and Regional Studies, Poland This talk looks at the tools that MATLAB provides for dealing with data sets of all sizes with focus on scientific data formats like HDF/NetCDF and big satellite image data.
3:30pm - 4:00pm	CB - 4: Coffee Break		
4:00pm - 5:30pm	PS: Poster Session Location: S 34/35		

Date: Wednesday, 22/Jun/2016

8:30am - 5:00pm	CO - 3: Conference Office Location: S 33		
9:00am - 10:30am	PL - 3: Keynote Session Location: S 29/31 Chair: Prof. Eberhard Parlow , University Basel, Switzerland		
10:30am - 11:00am	CB - 5: Coffee Break		
11:00am - 12:30pm	SE - 09: Forestry Location: S 29/31 Chair: Dr. Frank Thonfeld , University of Bonn, Germany Chair: Dr. Christina Eisfelder , German Aerospace Center, DLR, Germany	SE - 10: Geological Applications 1 Location: S 30/32 Chair: Dr. Christian Rogass , Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences, Germany Chair: Prof. Konstantinos Nikolakopoulos , University of Patras, Greece	YSD - 05: SAR Location: S 25/26 Chair: Dr. Chris Stewart , ESA's European Space Research Institute (ESRIN), United Kingdom Chair: Dr. Anna Jarocinska , University of Warsaw, Faculty of Geography and Regional Studies, Poland Practical session by ESA on processing EO data. The sessions will utilise the Sentinels Application Platform (SNAP) software to process and analyse optical and radar satellite datasets (Sentinel/ Envisat)
12:30pm - 2:00pm	LU - 3: Lunch		
2:00pm - 3:30pm	EARSeL General Assembly Location: S 29/31	Geological Applications - SIG Round Table Location: S 30/32	
3:30pm - 4:00pm	CB - 6: Coffee Break		
4:00pm - 5:30pm	SE - 11: Imaging Spectroscopy 1 Location: S 29/31 Chair: Prof. Lena Halounova , Czech Technical University in Prague, Czech Republic Chair: Dr. Bogdan Zagajewski , University of Warsaw, Faculty of Geography and Regional Studies, Poland	SE - 12: Urban 1 Location: S 30/32 Chair: Prof. Derya Maktav , Istanbul Technical University, Turkey Chair: Dr. Roland Goetzke , Federal Ministry of Transport and Digital Infrastructure, Germany	YSD - 06: Optical Remote Sensing & SAR Location: S 25/26 Chair: Dr. Chris Stewart , ESA's European Space Research Institute (ESRIN), United Kingdom Chair: Adrian Ochtyra , University of Warsaw, Poland Practical session by ESA on processing EO data. The sessions will utilise the Sentinels Application Platform (SNAP) software to process and analyse optical and radar satellite datasets (Sentinel/ Envisat)

Date: Thursday, 23/Jun/2016

8:30am - 5:00pm	CO - 4: Conference Office Location: S 33			
9:00am - 10:30am	PL - 4: Keynote Session Location: S 29/31 Chair: Prof. Lena Halounova , Czech Technical University in Prague, Czech Republic			
10:30am - 11:00am	CB - 7: Coffee Break			
11:00am - 12:30pm	SE - 13: Imaging Spectroscopy 2 Location: S 29/31 Chair: Prof. Luis Guanter , Remote Sensing German Research Centre for Geosciences (GFZ), Germany Chair: Prof. Uwe Rascher , Forschungszentrum Jülich, Germany	SE - 14: Thermal Remote Sensing 1 Location: S 30/32 Chair: Dr. Claudia Kuenzer , German Aerospace Center (DLR), Germany Chair: Dr. Corinne Myrtha Frey , DLR, Germany	SE - 15: Education & Training Location: S 25/26 Chair: Prof. Alexander Siegmund , University of Education & University Heidelberg, Germany Chair: Dr. Andreas Rienow , University of Bonn, Germany	YSD - 07: UAV & Spectral Measurement Road Show (icw SpectAIR, SpectralEvolution, PANalytical) Location: Field Trip Chair: Dr. Frank Thonfeld , University of Bonn, Germany Chair: Andreas Tewes , Universität Bonn, Germany
12:30pm - 2:00pm	LU - 4: Lunch			
2:00pm - 3:30pm	SE - 16: Land Use & Land Cover Location: S 29/31 Chair: Dr. Ursula Gessner , German Aerospace Center, Germany Chair: Dr. Sebastian van der Linden , Humboldt-Universität zu Berlin, Germany	SE - 17: Geological Applications 2 Location: S 30/32 Chair: Prof. Konstantinos Nikolakopoulos , University of Patras, Greece Chair: Dr. Christian Rogass , Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences, Germany	SE - 18: SAR Location: S 25/26 Chair: Prof. Steffen Kuntz , Airbus DS GmbH, Germany Chair: Dr. Roland Perko , Joanneum Research, Austria	YSD - 08: UAV & Spectral Measurement Road Show (icw SpectAIR, SpectralEvolution, PANalytical) Location: Field Trip Chair: Dr. Frank Thonfeld , University of Bonn, Germany Chair: Andreas Tewes , Universität Bonn, Germany
3:30pm - 4:00pm	CB - 8: Coffee Break			
4:00pm - 5:30pm	SE - 19: Agriculture Location: S 29/31 Chair: Dr. Tobias Landmann , International Centre for Insect Physiology and Ecology (ICIPE), Kenya Chair: Dr. Valerie Annemarie Martine Graw , Center for Remote Sensing of Land Surfaces (ZFL), Germany	SE - 20: Urban 2 Location: S 30/32 Chair: Prof. Carsten Juergens , Ruhr-University Bochum, Germany Chair: Dr. Andreas Rienow , University of Bonn, Germany	SE - 21: OBIA & GEOBIA Location: S 25/26 Chair: Prof. Volker Hochschild , University of Tübingen, Germany Chair: Dr. Stefan C. Lang , University of Salzburg, Austria	YSD - 09: UAV & Spectral Measurement Road Show (icw SpectAIR, SpectralEvolution, PANalytical) Location: Field Trip Chair: Dr. Frank Thonfeld , University of Bonn, Germany Chair: Andreas Tewes , Universität Bonn, Germany
7:00pm - 10:00pm	Symposium Dinner			

Date: Friday, 24/Jun/2016

9:00am - 10:30am	SE - 22: Wetland Monitoring Location: S 29/31 Chair: Prof. Gunter Menz , Bonn University, Department of Geography, Germany Chair: Dr. Frank Thonfeld , University of Bonn, Germany	SE - 23: Thermal Remote Sensing 2 Location: S 30/32 Chair: Dr. Claudia Kuenzer , German Aerospace Center (DLR), Germany Chair: Dr. Doris Klein , Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR), Germany
10:30am - 11:00am	CB - 9: Coffee Break	
11:00am - 12:30pm	SE - 24: Temporal Analysis Location: S 29/31 Chair: Prof. Eberhard Parlow , University Basel, Switzerland Chair: Prof. Mattia Crespi , University of Rome "La Sapienza", Italy, Italy	SE - 25: SAR for Geological Applications Location: S 30/32 Chair: Dr. Christian Rogass , Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences, Germany Chair: Dr. Karsten Jacobsen , Leibniz University Hannover, Germany
12:30pm - 1:00pm	PL - 5: Closing Session Location: S 29/31 Chair: Prof. Klaus Greve , University of Bonn, Germany Chair: Dr. Klaus-Ulrich Komp , EFTAS, Germany	
1:00pm - 2:00pm	LU - 5: Lunch	