

Overview of daily programme

	Monday 12 September	Tuesday 13 September	Wednesday 14 September	Thursday 15 September	Friday 16 September
8:30 - 9:00	Registration				
09:00 - 09:30	Opening session	Light Optical 1 (M. Potuckova)	Optical properties (J. Moreno)	Urban mapping (S.vd Linden)	Pt 1. Forest mapping using SAR (C. Schmillius)
09:30 - 10:00		Basic SAR 1 (TL Toan)	Adv. optical (J. Moreno)	Hot-spot detection (C. Kuenzer)	Pt 2. Forest biomass (T. Le Toan)
10:00 - 10:30	Photo call & break	Coffee break	Coffee break	Coffee break	Coffee break
10:30 - 11:00	Course Intro. (20 mins)	Light Optical 2 (M. Potuckova)	Adv. SAR 2 (I. Hajnsek)	Hot-spot detection (C. Kuenzer)	Land Use, Land Cover and Change detection (K.Ostapowicz)
11:00 - 11:30	ESA Programmes (YL Desnos)	Basic SAR 2 (R. Hanssen)	Adv. thermal (Bob Su)	Terrain motion in SAR (R. Hanssen)	Agriculture SAR - C. Schmillius
11:30 - 12:00	Access to ESA data (A. Zmuda)	Basic SAR 3 (E. Pottier)	Active fire detection (S. Casadio)	Urban mapping (S.vd Linden)	Object oriented classification S. Lewinski (combined)
12:00 - 12:30	LUNCH				LUNCH
12:30 - 13:00					
13:00 - 13:30					
13:30 - 14:00	ESA Sentinel Missions (TBD)				
14:00 - 14:30	National EO missions TerraSAR-X AS/CSK DMC DEIMOS	[Optical & thermal gp.] Optical tool 1 BEAM (A. Zmuda / S. Casadio)	[Optical & thermal gp.] Image Classification (M. Caetano)	Water availability (Bob Su)	Land Use, Land Cover and Change detection (K.Ostapowicz)
14:30 - 15:00		[SAR gp.] POLRSARPRO Intro. (E. Pottier)	POLRSARPRO Advanced (E. Pottier)	Floods & lakes monitoring (H. Yesou)	Agriculture SAR - C. Schmillius
15:00 - 15:30				Fire detection exploitation (S. Casadio)	Regional Drought Case study Poland K. Dabrowska-Zielinska
15:30 - 16:00	Coffee break				Coffee break
16:00 - 16:30	ESA Climate Change Initiative (M. Doherty)	Coffee break	Coffee break		Coffee break
16:30 - 17:00		[Optical & thermal gp.] POLRSARPRO Intro. (E. Pottier)	[Optical & thermal gp.] Advanced optical - classification (M. Caetano)	Water availability (Bob Su)	Q & A Session
17:00 - 17:30	Regional Environmental change (J.Kozak)			Active fire detection (S. Casadio)	CLOSING CEREMONY 16:30 - 16:50 Summary 16:50 - 17:15 Certificates & Poster awards 17:15 - 17:20 Close
17:30 - 18:00	Ice-breaker				
18:00 - 18:30					
18:30 - 19:00		POSTER SESSION			
EVENING				Social event - all	

PLENARY
EO MISSIONS
THEORY
ESA TOOLS
APPLICATION THEORY
APPLICATION PRACTICAL

Programme

MONDAY 12 September 2011

08:30-09:00	REGISTRATION (Collegium Novum, the first floor)		
Collegium Novum, the Auditorium			
9:00-10:00	Jagiellonian University (UJ), Kraków	UJ Representative	
	ESA	ESA Representative	
	Kraków Municipality	Kraków City representative	
	Malopolska Marshal Office	Małopolska Province representative	
	Space Research Institute of the Polish Academy of Sciences	CBK PAN representative	
	University of Science and Technology (AGH), Kraków	AGH Representative	
	Institute of Geodesy & Cartography (IGiK), Warszawa	IGiK Representative	
10:00-10:30	Coffee break: Collegium Novum, the second floor and group picture		
10:30-10:50	Overview of the training	Jacek Kozak & Andy Zmuda	
10:50-11:30	ESA EO Programmes & Explorer missions	D1L1	Yves-Louis Desnos
11:30-12:00	Access to ESA EO data	D1L2	Andy Zmuda
12:00-13:30	Lunch (in Kraków centre)		
13:30-13:55	ESA Sentinel Missions	D1L3	ESA Representative
13:55-14:20	National EO missions:	D1L4.1	Irena Hajsek (DLR)
14:20-14:45	TerraSAR-X/TanDEM-X	D1L4.2	Alessandro Coletta (ASI)
14:45-15:10	Cosmo Skymed	D1L4.3	Katarzyna Wisniewska (SSTL)
15:10-15:35	DMC	D1L4.4	Francisco-Javier Lozano (DEIMOS)
15:10-15:35	DEIMOS		
15:35-16:00	Coffee break: Collegium Novum, the second floor		
16:00-16:45	ESA Climate Change Initiative (CCI)	D1L5	Mark Doherty (ESA)
16:45-17:30	Regional Environmental Change – A Case Study	D1L6	Jacek Kozak
18:30-20:00	Ice-breaker (welcome social event): Collegium Novum: the second floor		

PLENARY	EO MISSIONS	THEORY	ESA TOOLS	APPLICATION THEORY	APPLICATION PRACTICAL
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TUESDAY 13 September 2011

Theory Basics (split session)		
	(SAR gp. -Optical & Thermal basics) <i>classroom: 1.21, IGiGP UJ</i>	(Optical & thermal gp. -SAR basics) <i>classroom: 1.25, IGiGP UJ</i>
08:30-10:00	D2L1a Light Optical 1 <i>Marketa Potuckova</i>	D2L1b Basic SAR 1 <i>Thuy Le Toan</i>
10:00-10:30	Coffee break: 1.16, IGiGP UJ	
10:30-11:30	D2L2a Light Optical 2 <i>Marketa Potuckova</i>	D2L2b Basic SAR 2 <i>Ramon Hanssen</i>
11:30-12:30	D2L3a Basic Thermal <i>Bob Su</i>	D2L3b Basic SAR 3 <i>Eric Pottier</i>
12:30-14:00	Lunch: ground floor in the main part of the Campus building	
	(Optical & thermal gp.) <i>classrooms: 1.20 & 1.24, IGiGP UJ</i>	(SAR gp.) <i>classroom: 0028, WMil UJ</i>
14:00-15:30	D2P1a BEAM Practical <i>Andy Zmuda & Stefano Casadio</i>	D2P1b POLARPRO Intro. <i>Eric Pottier & Andrea Minchella</i>
15:30-16:00	Coffee Break: 1.16, IGiGP UJ	Space near classroom 0028, WMil
16:00-17:30	D2P1b POLARPRO Intro. <i>Eric Pottier & Andrea Minchella</i>	D2P1a BEAM Practical <i>Andy Zmuda & Stefano Casadio</i>
17:30-19:00	POSTER SESSION: 1.14 & the first floor of IGiGP UJ	

Wednesday 14 September 2011

<i>Advanced Theory (split session)</i>		
	<i>(Optical & Thermal gp.)</i> <i>classroom: 1.25, IGiGP UJ</i>	<i>(SAR gp.)</i> <i>classroom: 1.26, IGiGP UJ</i>
08:30-09:00	D3L1a Optical properties <i>Jose Moreno</i>	D3L1b SAR properties <i>Thuy Le Toan</i>
09:00-10:00	D3L2a Advanced Optical <i>Jose Moreno</i>	D3L2b Advanced SAR <i>Eric Pottier</i>
10:00-10:30	Coffee break: 1.16, IGiGP UJ	
10:30-11:30	D3L3a Advanced Thermal <i>Bob Su</i>	D3L3b Advanced SAR 2 <i>Irena Hajnsek</i>
11:30-12:30	D3L4a Active Fire Detection <i>Stefan Casadio</i>	D3L4b POLInSAR Exploitation <i>Irena Hajnsek</i>
12:30-14:00	Lunch: ground floor in the main part of the Campus building	
	<i>(Optical & Thermal gp.)</i> <i>classroom: 1.25 IGiGP UJ</i>	<i>(SAR gp.)</i> <i>classroom: 0028, WMil IGiGP UJ</i>
14:00-16:00	D3L5 Image Classification <i>Mario Caetano</i>	D3P1 POL SAR PRO Advanced <i>Eric Pottier & Andrea Minchella</i>
16:00-16:45	Coffee Break: 1.16, IGiGP UJ	
	<i>(Optical & Thermal gp.)</i> <i>classroom: 1.20 & 1.24, IGiGP UJ</i>	<i>(SAR gp.)</i> <i>classroom: 0028, WMil IGiGP UJ</i>
16:45-18:45	D3P2a Advanced Optical Classification <i>Mario Caetano</i>	D3P2b NEST for SAR <i>Andrea Minchella</i>

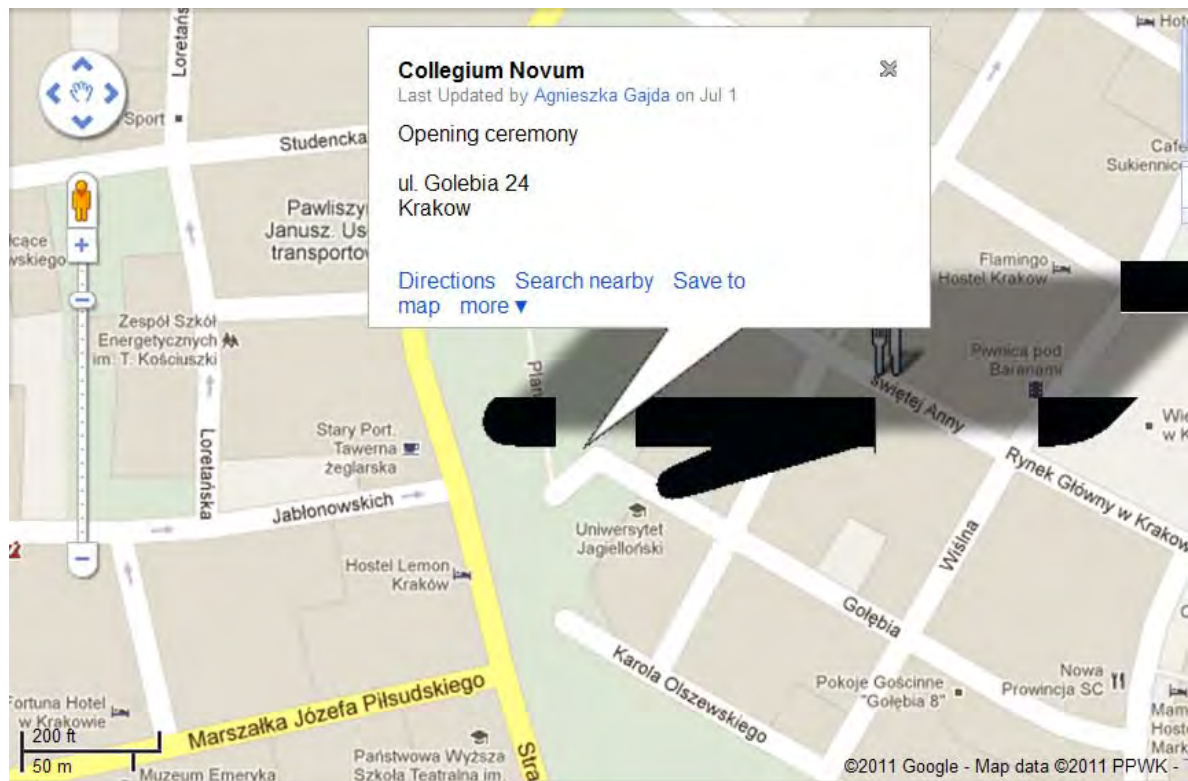
Thursday 15 September 2011

Advanced Application Theory and Practicals(split sessions)			
	<i>(Optical gp.)</i> classroom: 1.25, IGiGP UJ	<i>(SAR gp.)</i> classroom: 1.21, IGiGP UJ	<i>(Thermal gp.)</i> classroom: 1.26, IGiGP UJ
08:30-10:00	D4L1a Urban Mapping <i>Sebastian van der Linden</i>	D4L1b Terrain Motion Using InSAR <i>Ramon Hanssen</i>	D4L1c Hot Spot Detection <i>Claudia Kuenzer</i>
10:00-10:30	Coffee break: 1.16, IGiGP UJ		
	<i>(Optical gp.)</i> classroom: 1.24, IGiGP UJ	<i>(SAR gp.)</i> classroom: 0028, WMil	<i>(Thermal gp.)</i> classroom: 1.20, IGiGP UJ
10:30-12:30	D4P1a Urban Mapping <i>Sebastian van der Linden</i>	D4P1b Terrain Motion Using InSAR <i>Ramon Hanssen</i>	D4P1c Hot Spot Detection <i>Dr. Claudia Kuenzer</i>
12:30-14:00	Lunch: ground floor in the main part of the Campus building		
	<i>(Optical gp.)</i> classroom: 1.25, IGiGP UJ	<i>(SAR gp.)</i> classroom: 1.21, IGiGP UJ	<i>(Thermal gp.)</i> classroom: 1.26, IGiGP UJ
14:00-15:30	D4L2a Water Availability <i>Bob Su</i>	D4L2b Floods & Lakes <i>Hervé Yésou</i>	D4L2c Fire Detection Exploitation <i>Stefano Casadio</i>
15:30-16:00	Coffee break: 1.16, IGiGP UJ		
	<i>(Optical gp.)</i> classroom: 1.24, IGiGP UJ	<i>(SAR gp.)</i> classroom: 0028, WMil	<i>(Thermal gp.)</i> classroom: 1.20, IGiGP UJ
16:00-18:00	D4P2a Water Availability <i>Bob Su</i>	D4P2b Floods & Lakes <i>Hervé Yésou</i>	D4P2c Active Fire Detection <i>Stefano Casadio</i>
19:00-21:00	Social event: Pod Wawelem, Gertrudy 26 - 29		

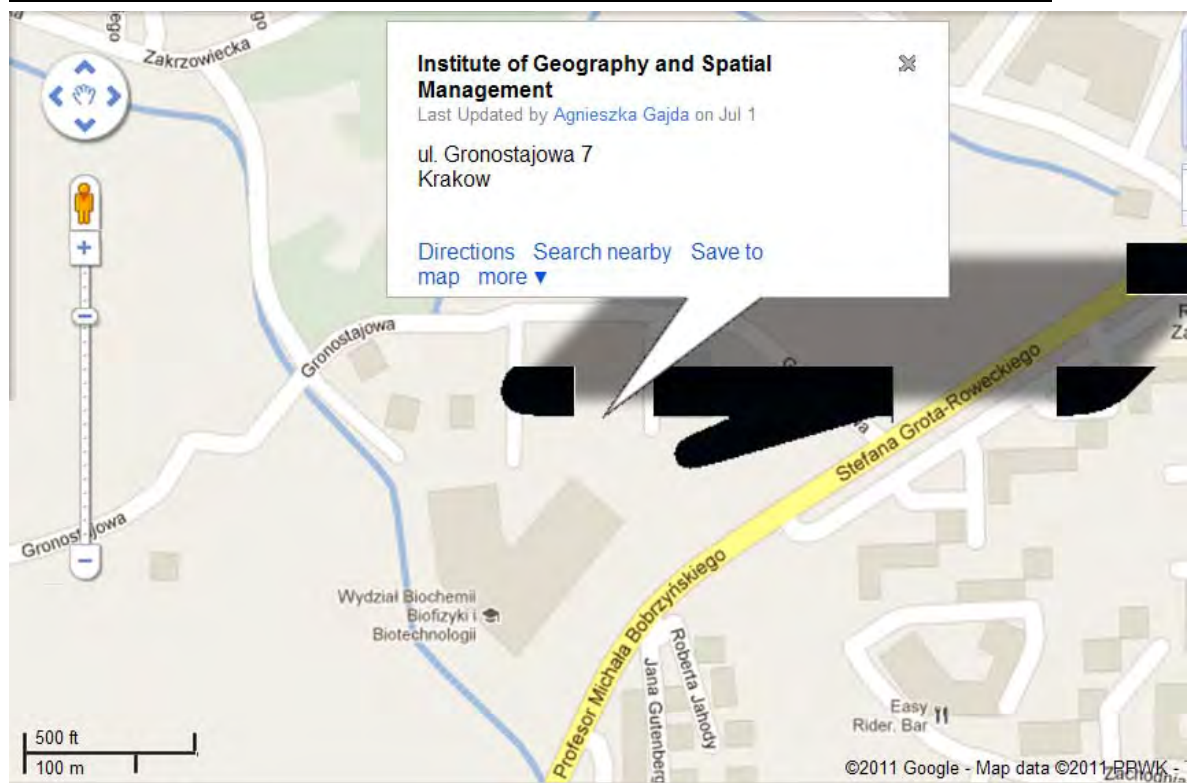
Friday 16 September 2011

Advanced Application Theory and Practicals			
	<i>classroom: 1.21, IGiGP UJ</i>		
08:30-09:15	D5L1 Forest Mapping Using SAR <i>Christiane Schmuilius</i>		
09:15-10:00	D5L2 Forest Biomass <i>Thuy Le Toan</i>		
10:00-10:30	Coffee break: 1.16, IGiGP UJ		
	(Optical gp.) <i>classroom: 1.25, IGiGP UJ</i>	(SAR gp.) <i>classroom: 1.21, IGiGP UJ</i>	(Thermal gp.) <i>classroom: 1.20 IGiGP UJ</i>
10:30-12:00	D5L3a Land Use, Land Cover & Change Detection <i>Katarzyna Ostapowicz</i>	D5P3b Agriculture SAR <i>Christiane Schmuilius</i>	D5P1 Object Oriented Classification <i>Stanislaw Lewinski</i>
12:00-13:30	Lunch: ground floor in the main part of the Campus building		
	(Optical gp.) <i>classroom: 1.24, IGiGP UJ</i>	(SAR gp.) <i>classroom: 0028, WMil</i>	(Thermal gp.) <i>classroom: 1.20, IGiGP UJ</i>
13:30-15:30	D5P2a Land Use, Land Cover & Change Detection <i>Katarzyna Ostapowicz</i>	D5P2b Agriculture SAR <i>Christiane Schmuilius</i>	D5P2c Regional Drought Case Study <i>Katarzyna Dabrowska-Zielinski</i>
15:30-16:00	Coffee break: 1.16, IGiGP UJ		
16:00-16:30	Question and Answer Session <i>classroom 1.21 IGiGP UJ</i>		
16:30-17:30	CLOSING SESSION Training course summary Best poster awards & certificates Close		

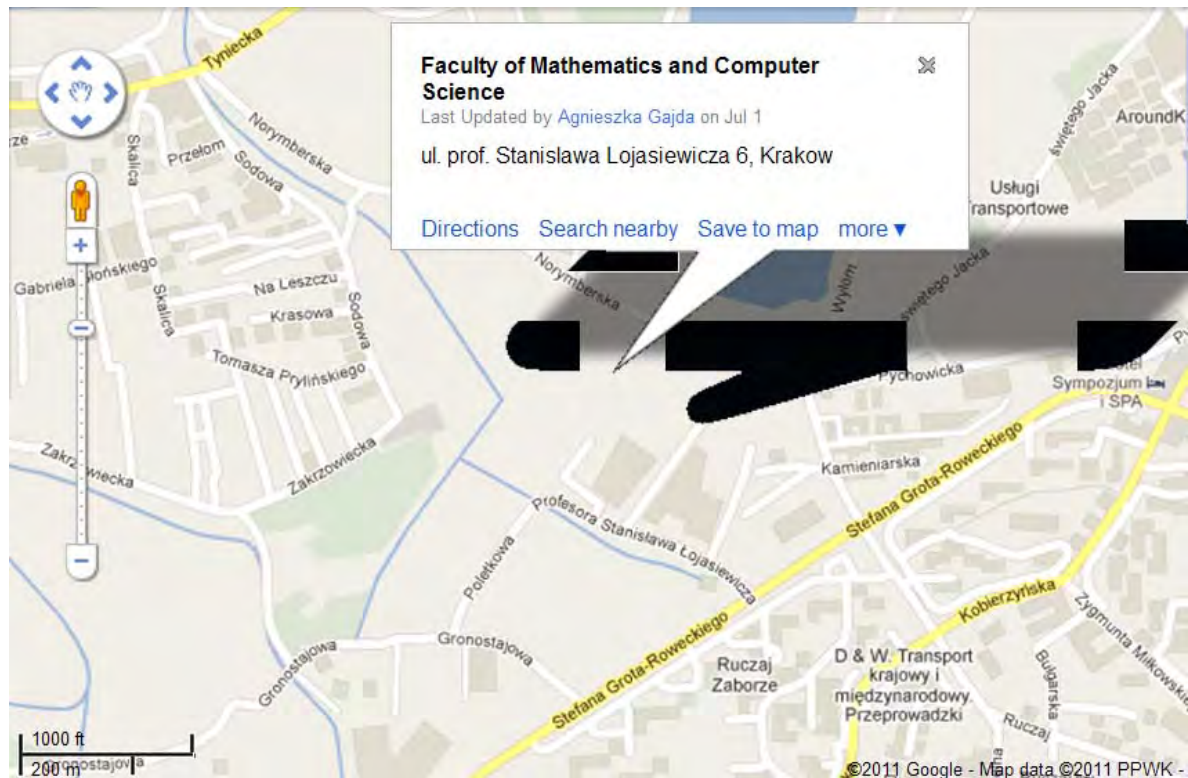
Map with location of Collegium Novum, Central Kraków



Map with location of Institute of Geography and Spatial Management



Map with location of Faculty of Mathematics and Computer Science



Map with location of Pod Wawelem Restaurant - social for students and lecturers, Thursday 15 Sept. 2011

