

# Daily Programme

## ***Advanced Training Course in Microwave Remote Sensing***

College of Continuing Education,  
Chongqing University, P.R. China

18 - 23 November 2019

### **MONDAY 18 November 2019**

<b>08:50-09:15</b>	<b>REGISTRATION: Platform of Multi-functional Hall 1001 , No. 1 Teaching Building , C campus ,CQU (-1 floor )</b>		
<b>PLENARY SESSION VENUE: 1001 Multi-functional Hall , No .1 Teaching Building , C campus , CQU ( -1 floor )</b>			
9:15-10:00	<b>Introduction &amp; opening</b>		
	<b>CQU</b>	<b>Prof. Liao Ruijin Vice president</b>	
	<b>NRSCC DG</b>	<b>Dr. Wang Qi'an</b>	
	<b>ESA Dragon office</b>	<b>Eric Doyle</b>	
10:00-10:20	<b>Course overview</b>	<b>Dr. Andrew Zmuda</b>	
<b>10:20-11:00</b>	<b>Coffee break: Registration area Group Photo: On the steps in front of the C campus Office Building</b>		
<b>PLENARY SESSION</b>		<b>Ref.</b>	<b>Presenters</b>
11:00-11:45	Copernicus Sentinels 1, 2 & 3 missions & ESA EO Programmes	<b>D1PI-L1</b>	<i>Eric Doyle</i>
11:45-12:30	Chinese EO Programmes	<b>D1PI-L2</b>	<i>Dr. Zhang Tao</i>
<b>12:30-14:00</b>	<b>Lunch : Jinkang Meishi plaza , C campus , CQU ( -1 floor )</b>		
<b>VENUE: Classroom 1108, No 1. Teaching Building, C campu , CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
14:00-15:00	<b>Lecture</b> Intro. to SAR	<b>D1Mw-L3</b>	<i>Prof. Hong Wen</i>
<b>15:00-15:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor</b>
15:30-17:30	<b>Practical</b> Intro. to S1-A/B data & SNAP	<b>D1Mw-P1</b>	<i>Dr. Magdalena Fitrzyk</i>
<b>18:30-20:00</b>	<b>Ice-breaker (welcome social event): Keyuan Dyce Hotel Restaurant (2<sup>nd</sup> floor)</b>		

## TUESDAY 19 November 2019

<b>VENUE: Classroom 1108, No 1. Teaching Building, C campus, CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
09:00-10:00	<b>Lecture</b> Intro. to SAR Polarimetry	<b>D2Mw-L1</b>	<i>Dr. Yin Qiang</i>
<b>10:00-10:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutors</b>
10:30-12:30	<b>Practical</b> Intro. to POLSARPRO	<b>D2Mw-P1</b>	<i>Tutors: Profs. Eric Pottier, Hong Wen &amp; Dr. Yin Qiang</i>
<b>12:30-14:00</b>	<b>Lunch: Jinkang Meishi plaza, C campus, CQU ( -1 floor )</b>		
<b>VENUE: Classroom 1108, No 1. Teaching Building, C campus, CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
14:00-15:00	<b>Lecture</b> Floods & Lakes Monitoring	<b>D2Mw-L2</b>	<i>Dr. Chen Liqiong</i>
<b>15:00-15:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor</b>
15:30-17:30	<b>Practical</b> S1-A/B data & SNAP (continued)	<b>D2Mw-P2</b>	<i>Dr. Magdalena Fitrzyk</i>
19:00-20:30	<b>POSTER SESSION: Two empty classrooms in No.5 Teaching Building, C campus, CQU ( 2<sup>nd</sup> floor )</b>		

## WEDNESDAY 20 November 2019

<b>VENUE: Classroom 1108, No 1. Teaching Building, C campus, CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
08:30-10:00	<b>Lecture</b> Intro. to Land Retrieval from POLSAR	<b>D3Mw-L1</b>	<i>Prof. Eric Pottier</i>
<b>10:00-10:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor(s)</b>
10:30-12:30	<b>Practical</b> POLARPRO & Land Retrievals	<b>D3Mw-P1</b>	<i>Profs. Chen Erxue &amp; Eric Pottier</i>
<b>12:30-14:00</b>	<b>Lunch: Jinkang Meishi plaza , C campus , CQU ( -1 floor )</b>		
<b>VENUE: Classroom 1108, No 1. Teaching Building, C campus , CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
14:00-15:00	<b>Lecture</b> InSAR for Earthquakes Application	<b>D3Mw-L2</b>	<i>Prof. Sun Jianbao</i>
<b>15:00-15:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor</b>
15:30-17:30	<b>Practical</b> InSAR for Earthquakes Application	<b>D3Mw-P2</b>	<i>Prof. Sun Jianbao</i>

## THURSDAY 21 November 2019

<b>VENUE: Classroom 1108, No 1. Teaching Building, C campus, CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
09:00-10:00	<b>Lecture</b> Intro. to TOMOSAR	<b>D4Mw-L1</b>	<i>Prof. Timo Balz</i>
<b>10:00-10:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor</b>
10:30-12:30	<b>Practical</b> 3D/4D Monitoring with TOMOSAR	<b>D4Mw-P1</b>	<i>Prof. Timo Balz</i>
<b>12:30-14:00</b>	<b>Lunch: Jinkang Meishi plaza , C campus , CQU ( -1 floor )</b>		
<b>Classroom 1108, No 1. Teaching Building, C campus , CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
14:00-15:00	<b>Lecture</b> Terrain Motion PSInSAR	<b>D4Mw-L2</b>	<i>Prof. Ramon Hanssen</i>
<b>15:00-15:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor</b>
15:30-17:30	<b>Practical</b> Terrain Motion PSInSAR	<b>D4Mw-P2</b>	<i>Prof. Ramon Hanssen</i>

## FRIDAY 22 November 2019

<b>VENUE: Classroom 1108, No 1. Teaching Building, C campus , CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
09:00-10:00	<b>Lecture</b> Agriculture SAR	<b>D5Mw-L1</b>	<i>Dr. Zhang Tingling</i>
<b>10:00-10:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor</b>
10:30-12:30	<b>Practical</b> Agriculture SAR (rice & wheat) S1 A/B data & SNAP	<b>D5Mw-P1</b>	<i>Dr. Guo Xianyu</i>
<b>12:30-14:00</b>	<b>Lunch: Jinkang Meishi plaza , C campus , CQU -1 floor )</b>		
<b>VENUE: Classroom 1108, No 1. Teaching Building, C campus , CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
14:00-15:00	<b>Lecture</b> Landslides monitoring from SAR	<b>D5Mw-L2</b>	<i>Prof. Li Zhenhong</i>
<b>15:00-15:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU. ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor</b>
15:30-17:30	<b>Practical</b> Landslides monitoring from SAR	<b>D5Mw-P2</b>	<i>Prof. Li Zhenhong</i>
<b>18:30-20:00</b>	<b>Social event: Keyuan Dyce Hotel Restaurant ( 2nd floor )</b>		

## SATURDAY 23 November 2019

<b>VENUE: Classroom 1108, No 1. Teaching Building, C campus , CQU ( 1<sup>st</sup> floor )</b>		<b>Ref.</b>	<b>Lecturer</b>
09:00-10:00	<b>Lecture</b> Microwave RS for snow & soil moisture retrievals	<b>D6Mw-L1</b>	<i>Prof. Shi Jiansheng</i>
<b>10:00-10:30</b>	<b>Coffee break: Coordination room (2<sup>nd</sup> floor), No. 5 Teaching Building, C campus, CQU</b>		
<b>VENUE: IT Room 5403, No. 5 Teaching Building, C campus, CQU. ( 4<sup>th</sup> floor )</b>		<b>Ref.</b>	<b>Tutor</b>
10:30-12:30	<b>Practical</b> Microwave RS for snow & soil moisture retrievals (on-line toolbox)	<b>D6Mw-P1</b>	<i>Prof. Shi Jiansheng</i>
<b>CLOSING CEREMONY VENUE: 1001 Multi-functional Hall , No .1 Teaching Building , C campus , CQU (-1 first floor)</b>			
12:35-12:50	<b>Training Summary</b>	<i>Dr. Andy Zmuda</i>	
12:50-13:10	<b>Awards for best posters Attendance certificates</b>	<i>NRSCC, ESA, CQU representatives Lecturers &amp; organisers</i>	
13:10-13:15	<b>Closing Speech</b>	<i>Prof. Ming Ju, Vice President of CQU</i>	

PLENARY	EO MISSIONS	THEORY	ESA TOOLS	APPLICATION THEORY	APPLICATION PRACTICAL
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