

| Sunday 2 Sept. | |
|----------------|--|
| 14 - 16:30 | Registration |
| | <i>Auditorium</i> |
| 16:30 - 16:45 | Welcome words from ISEGI (Marco Painho) and ESA (Yves-Louis Desnos) |
| 16:45 - 17:30 | ESA and EO activities (Yves-Louis Desnos) |
| 17:30 - 18:00 | Introduction to the training course: objectives, programme, logistics (Muriel Simon) |
| 18 - 19 | Ice-breaker - Cocktail |

| Monday 3 Sept - Theory | | |
|------------------------|--|--|
| | <i>Room 4</i> | <i>Room 3</i> |
| 9 - 10 | D1La1: Light SAR 1, Radar Basics (Ie Toan) | D1Lb1: Light Optical 1, Radiative transfer basics (Moreno) |
| 10 - 11 | D1La2: Light SAR 2, Interferometry Basics (Rocca) | D1Lb2: Light Optical 2, Atm. Corrections, param. retrieval (Moreno) |
| 30' | <i>Coffee break</i> | |
| 11.30 - 12.30 | D1La3: Light SAR 3, Polarimetry Basics (Pottier) | D1Lb3: Light Thermal, Surface energy balance basics (Su) |
| 1h30' | <i>Lunch</i> | |
| 14 - 15 | D1La4: Advanced Optical 1, Modelling, data pre-processing (Moreno) | D1Lb4: Advanced SAR 1, Interferometry (Rocca) |
| 15 - 16 | D1La5: Advanced Optical 2, Retrieval of information (Moreno) | D1Lb5: Advanced SAR 2, Interferometry (Rocca), Polarimetry (Pottier) |
| 30' | <i>Coffee break</i> | |
| 16.30 - 17.30 | D1La6: Advanced Thermal, Surface Energy Balance (Su) | D1Lb6: Advanced SAR 3, Polarimetry (Pottier) |
| | <i>Auditorium</i> | |
| 17.30 - 18.30 | D1L7: Applications for Terrain motion (Rocca) | |

| Tuesday 4 Sept - Missions, instruments, tools | | |
|---|--|--|
| <i>Auditorium</i> | | |
| 9 - 10 | D2L1: EO Missions and Data access (Desnos) | |
| 10 - 11 | D2L2: (A)SAR instrument (Desnos) | |
| 30' | <i>Coffee break</i> | |
| 11.30 - 12.30 | D2L3: MERIS instrument (Moreno), (A)ATSR instrument (Pereira) | |
| 1h30' | <i>Lunch</i> | |
| 14 - 15 | D2L5: Image Classification Techniques (Caetano) | |
| 15 - 16 | D2L4: Software tools: BEAM, BEST (Simon), POLSARPRO (Pottier) | |
| 30' | <i>Coffee break</i> | |
| | <i>Room 1</i> | <i>Room 2</i> |
| 16.30 - 18.30 | D3PA: Practicals: - Introduction to BEAM (Simon/Araújo) - Introduction to POLSARPRO (Pottier) | D3PB: Practicals: - Introduction to POLSARPRO (Pottier) - Introduction to BEAM (Simon/Araújo) |

| Wednesday 5 Sept - Land resources | |
|-----------------------------------|---|
| | <i>Auditorium</i> |
| 8.30 - 9.30 | D3L1: Land Use, Land Cover, Land Cover Change (Caetano) |
| 9.30 - 10.30 | D3L2: Forests (Schmullius) |
| 10.30 - 11.30 | D3L3: Agriculture (Le Toan) |
| 30' | <i>Coffee break</i> |
| | <i>Room 1</i> <i>Room 2</i> |
| 12 - 13.30 | D3PA, Part 1: Land Use - Land Cover (Caetano) D3PB, Part 1: Forest-Agriculture: Introduction to BEST software (Minchella) |
| 1h30' | <i>Lunch</i> |
| 15 - 16.30 | D3PA, Part 2: Land Use - Land Cover (Caetano) D3PB, Part 2: Forest-Agriculture: Forest applications (Schmullius) |
| 30' | <i>Coffee break</i> |
| 17 - 18 | D3PA, Part 3: Land Use - Land Cover (Caetano) D3PB, Part 3: Forest - Agriculture: Basic POLSARPRO applications (Pottier) |
| 18 - 19 | Forest - Agriculture: Advanced POLSARPRO applications (optional, Pottier) |

| Thursday 6 Sept - Disaster management | |
|---------------------------------------|---|
| | <i>Auditorium</i> |
| 9.30 - 10.30 | D4L1: Fires and burnt areas detection (Pereira) |
| 10.30 - 11.30 | D4L2: Flood monitoring (Yesou) |
| 30' | <i>Coffee break</i> |
| | <i>Room 1</i> <i>Room 2</i> |
| 12 - 13.30 | D3PA, Part 4: POLSARPRO for Land Use - Land Cover (Pottier) D3PB, Part 4: Forest - Agriculture: Applications for Agriculture (Le Toan / Bouvet) |
| 1h30' | <i>Lunch</i> |
| 15 - 16.30 | D4PA, Part 1: Fires and Burnt Area detection (Pereira) D4PB, Part 1: Floods (Yesou/Andreoli) |
| 30' | <i>Coffee break</i> |
| 17 - 18.30 | D4PA, Part 2: Fires and Burnt Area detection (Pereira) D4PB, Part 2: Floods (Yesou/Andreoli) |
| 19.30 - 22.30 | Social event |

| Friday 7 Sept - Water resources | |
|---------------------------------|--|
| | <i>Auditorium</i> |
| 8.30 - 9.30 | D5L1: Water availability (Su) |
| | <i>Room 1</i> <i>Room 2</i> |
| 9.30 - 11.30 | D5PA, Part 1: Water resources (Su) D5PB, Part 1: Terrain motion (Rocca/Perissin) |
| 30' | <i>Coffee break</i> |
| 12 - 13.30 | D5PA, Part 2: Water resources (Moreno) D5PB, Part 2: Terrain motion (Rocca/Perissin) |
| 1h30' | <i>Lunch</i> |
| | <i>Auditorium</i> |
| 15 - 15:20 | Training course summary (Simon) |
| 15:20 - 15:50 | Distribution of Course Certificates |
| 15:50 - 16:00 | Closing words from ESA (Y.L.Desnos), IGP (M.Caetano) and ISEGI (M.Painho) |