The official language of the conference will be French with presentation materials in English. Nevertheless, some presentations will be given in English.
**1 – 2 – 3 April**

Technical demonstration workshops will take place during all breaks of the thematic sessions but also during most of the thematic/methodologic sessions.

**Salle SPOT**

**OTB/Monteverdi**

Learn how to use the ORFEO ToolBox library for manipulation and analysis of Pléiades imagery ([http://orfeo-toolbox.org/](http://orfeo-toolbox.org/))

**CNES Image Quality**

Demonstration of Image Quality Commissioning activities (geometry and radiometry) taking benefits from Pléiades agility

**IGN**

Demonstration on stereo capture of 3D vector features and updating of IGN's topographic data base Information on how to order archive data and upload geocoded products on French territory (see [http://professionnels.ign.fr/images-pleiades](http://professionnels.ign.fr/images-pleiades))

**CMLA**

Live demonstration of 3D reconstruction from Pléiades stereo and tri-stereo acquisitions, and demonstration of the Ipol website ([http://www.ipol.im/](http://www.ipol.im/))

**Salle ARGOS**

**CNES Pléiades Users Thematic Commissioning Website**

Come to navigate into the Pléiades images acquired during the Pléiades UTC

**Airbus Defence and Space / Geo-Intelligence**

**GeoStore demonstration**

GeoStore offers the opportunity to access millions of images from Pléiades, SPOT and TerraSAR-X. Tasking the Pléiades and SPOT 6 satellites is one of the numerous capabilities of the platform. You are welcome to attend interactive and hands-on demonstrations.

**GO Monitor Demonstration**

What exactly do we do with GO Monitor? On-demand monitoring with guaranteed revisit, and ready-to-use change reports using a secure 24/7 web access.

Come and find out and give us your feedback in this interactive demonstration.

**Pléiades ISIS demonstration**

Discover the new ISIS website that allows Europeen scientists to submit project requests for Pléiades and SPOT imagery subsidised by CNES

**Manipulable Pléiades model**

Come to explore the Interior of the satellite!
Game "Looking for Pléiades"

“How well do you know Pléiades RTU images? Would you recognize your working sites? Or others? Find out by trying our "Looking for Pléiades" online game at [https://rtu-pleiades.kalimsat.eu/games] and maybe win a Pléiades image*! The winner will be announced at the conclusion on April 3. In case of a tie, a draw will take place between all players in the tie to determine the winner.

* The online game will be available only from the conference site
## Tuesday 1\textsuperscript{st} April – 9:30-12:30

**Plenary Session** – P. Ultra-Guérard (CNES), R. Postma (Airbus DS/Geo-Intelligence)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30</td>
<td>Introduction – T. Duquesne (CNES), B. Brenner (Airbus DS/Geo-Intelligence)</td>
</tr>
<tr>
<td>9:50</td>
<td>Results on capacity/performance of the constellation and image quality – A. Gleyzes (CNES)</td>
</tr>
<tr>
<td>10:20</td>
<td>Living Pléiades: sharing experiences on the operational use of the system – L. Maggiori (Airbus DS/Geo-Intelligence)</td>
</tr>
<tr>
<td>10:50</td>
<td>Interfaces for the distribution of data to Civil institutions – S. Hosford (CNES), J.P. Cantou (IGN), B. Montfort (Airbus DS/Geo-Intelligence)</td>
</tr>
<tr>
<td>11:20</td>
<td>French Ministry of Defence experience – E. Capliez (Ministère de la Défense)</td>
</tr>
<tr>
<td>11:45</td>
<td>Feedback on Users Thematic Commissioning (applications &amp; methodology) – C. Tinel (CNES)</td>
</tr>
</tbody>
</table>

12:30 – 14:00 **LUNCH**
## Tuesday 1st April – 14:00 – 18:00

### Thematic Session: Risks & Security - D. Fontannaz (CNES), F. Ranera (Airbus DS/Geo-Intelligence)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>14:00</td>
<td>Introduction - H. Yesou (SERTIT)</td>
</tr>
<tr>
<td>14:10</td>
<td>Contribution of Pléiades HR imagery for disaster damage mapping: initial feedback over Asia, Africa, Europe or the Caribbean – P. Chastanet, H. Yésou (DGSCGC/SERTIT)</td>
</tr>
<tr>
<td>14:35</td>
<td>Contribution of Pléiades-HR imagery in reactive mapping to disasters affecting France during the Pléiades Thematic Users Commissioning phase: preliminary feedback - A. Escudier/H. Yésou (SCHAPI/SERTIT)</td>
</tr>
<tr>
<td>15:00</td>
<td>The Use of Pléiades Stereo Data in the frame of Port-au-Prince (Haiti) - M. De Michele (BRGM)</td>
</tr>
<tr>
<td>15:25</td>
<td>VHR Pléiades data in support to cyclone and tsunami risk management for local communities through geospatial cloud computing plateform - R. Andréoli (BLUECHAM)</td>
</tr>
<tr>
<td>15:50</td>
<td>BREAK</td>
</tr>
<tr>
<td>16:20</td>
<td>The use of Pléiades imagery to downscale vulnerability assessment of buildings and local infrastructure facing hazards from dilute and hyperconcentrated floods - S. Ettinger (LMV)</td>
</tr>
<tr>
<td>16:45</td>
<td>Very high spatial resolution and remote sensing for the characterization of murine rodent habitats around the St Paul pond, Reunion Island - C. Révillon (IRD)</td>
</tr>
<tr>
<td>17:10</td>
<td>Mapping rainfall-triggered shallow landslides in Oltrepo Pavese – Italy - F. Zucca (UNIV. OF PAVIA)</td>
</tr>
<tr>
<td>17:35</td>
<td>Use of the Very high resolution Spatial for the characterization of the urban spot and the management of the flood risk on the city of Toliara - S. Guyard (Région Réunion)</td>
</tr>
</tbody>
</table>

### Thematic Session: Geology - S. Hosford (CNES), N. Pisot (Airbus DS/Geo-Intelligence)

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:00</td>
<td>Introduction – E. Berthier (Lab Geologie Lyon)</td>
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<tr>
<td>14:10</td>
<td>On the use of Pléiades high resolution imagery in glaciology: DEM generation and velocity mapping - E. Berthier (LEGOS)</td>
</tr>
<tr>
<td>14:35</td>
<td>Assessment of a glacier digital elevation model generated from Pléiades stereoscopic images: Ossoue Glacier, Pyrenees, France - R. Marti (GEODE)</td>
</tr>
<tr>
<td>15:00</td>
<td>Stereo-photogrammetry and displacement measurements with Pléiades satellite images - A. Stumpf (UNISTRA)</td>
</tr>
<tr>
<td>15:25</td>
<td>Comparison of Pléiades and SPOTView images for the geological study of the fourth ring road of Alger - M. Chahine (CEREMA)</td>
</tr>
<tr>
<td>15:50</td>
<td>BREAK</td>
</tr>
<tr>
<td>16:20</td>
<td>Capability of Pléiades data for preventive archaeology: case studies in Europe, Africa and Southern America - R. Lasaponara (CNR)</td>
</tr>
<tr>
<td>16:45</td>
<td>The Sahara before the desert: paleoshorelines of the Holocene Mege Lake Chad investigated by satellite imagery - M. Schuster (UNISTRA)</td>
</tr>
<tr>
<td>17:10</td>
<td>Identifying pyroclastic and lahar deposits and assessing erosion and lahar hazards based on HSR Images at active volcanoes - Z. Kassouk (LMV)</td>
</tr>
<tr>
<td>17:35</td>
<td>Spatial and temporal data mining of remote sensing data applied to erosion process discovery and analysis - R. Andreoli (BLUECHAM)</td>
</tr>
</tbody>
</table>
Wednesday 2\textsuperscript{nd} April – 8:30 – 12:30

Thematic Session: Agriculture - C. Vignolles (CNES), G. Sigel (Airbus DS/Geo-Intelligence)

8:30  Introduction - E. Vaudour-Dupuis (AgroParisTech)
8:40  Use of very high resolution satellite images for monitoring application of the nitrates directive – B. Coiron (ARTELIA)
9:05  Contribution of VHSR Pléiades images to the assessment of agricultural systems over a peri-urban region near Paris, France - E. Vaudour-Dupuis (AgroParisTech)
9:30  Automatic hedgerow segmentation on PHR images: comparison of acquisition configurations - M. Arias (CESBIO)
9:55  The potential of Pléiades imagery for vegetation mapping: the example of grasslands and pastoral environments - V. Thierion (IRSTEA)

10:20 BREAK

10:50  Remote sensing of semi-natural elements: contribution of stereoscopy Pléiades for detecting hedges and grass strips - M. Fauvel (DYNAFOR)
11:15  Delineation of anthropic landscape features from VHR satellite imagery: application to agricultural parcels delimitation - N. Chehata (IRD-LISAH)
11:40  Use of texture modeling for panchromatic Pléiades image classification: application to vineyards detection - O. Régniérs (IMS)
12:05  Synergy between Pléiades and UAV images for precision viticulture in the context of EarthLab programme - J. Helbert (Telespazio)

Thematic Session: 3D – J.M. Delvit (CNES), L. Gabet (Airbus DS/Geo-Intelligence)

8:30  Introduction - J.M. Morel (CMLA)
8:40  Observing the Earth in 3D with Pléiades-HR - J.-M. Delvit (CNES)
9:05  DSM Extraction from Pléiades Images using MicMac - P. Favé (IGN)
9:30  Pléiades 3D products - L. Gabet (Airbus DS/Geo-Intelligence)
9:55  s2p: An automatic stereo pipeline for Pléiades – C. de Franchis (CMLA)

10:20 BREAK

10:50  Generation, qualification and exploitation of digital surface models derived from Pléiades-HR tri-stereoscopic acquisitions - A. Durand (SERTIT)
11:15  Comparative assessment of 3D models accuracy at building level-GEOAP - D. Ayfantopoulos (GEOAPKONESIS SAPGE)
11:40  Upgrading the national altimetry reference in mountainous areas using Pléiades images - C. Puig (IGN)
12:05  Occlusion handling within the Digital Surface Model generation process from Pléiades stereoscopic images - C. Guérin (CEA)

12:30 – 14:00 LUNCH
# Thematic Session: Methodological Topics – O. Hagolle (CNES), L. Coeurdevey (Airbus DS/Geo-Intelligence)

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>14:00</td>
<td>Introduction - F. Tupin (Telecom ParisTech)</td>
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<tr>
<td>14:10</td>
<td>Pléiades satellites image quality commissioning - L. Lebègue (CNES)</td>
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<tr>
<td>14:35</td>
<td>ORFEO ToolBox - J. Michel (CNES)</td>
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<tr>
<td>15:00</td>
<td>Updating and Upgrading 2D building databases from Pléiades-HR images: Towards a production release? - N. Champion (IGN)</td>
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<tr>
<td>15:25</td>
<td>A new statistical model for multisensor change detection - J. Prendes (TESA)</td>
</tr>
<tr>
<td>15:50</td>
<td><strong>BREAK</strong></td>
</tr>
<tr>
<td>16:20</td>
<td>Using Orfeo Toolbox: a growing competence in a collaborative environment - D. Hebrard (CEREMA)</td>
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<tr>
<td>16:45</td>
<td>Large-scale application of object based image analysis techniques for Very High Resolution satellite imagery - D. Youssefi (CS-SI)</td>
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<tr>
<td>17:10</td>
<td>Detecting moving objects in single Pléiades scenes of Melbourne - T. Krauss (DLR)</td>
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<tr>
<td>17:35</td>
<td>Wavelets on Graphs for Pléiades image texture segmentation - G. Mercier (TELECOM BREST)</td>
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</table>

# Thematic Session: Forestry – A. Sellé (CNES), P. Houdry (Airbus DS/Geo-Intelligence)

<table>
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<tr>
<td>14:00</td>
<td>Introduction - A. Jolly (ONF)</td>
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<tr>
<td>14:10</td>
<td>APSAT Pinastréro project – Assessment of the volume of forest biomass in the massif of Landes de Gascogne using Pléiades stereoscopic imagery - T. Belouard (IGN-APSAT)</td>
</tr>
<tr>
<td>14:35</td>
<td>Assessment of forest windfall damages using a Pléiades very high spatial resolution image - A. Jolly (ONF)</td>
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<tr>
<td>15:00</td>
<td>Quantification and mapping of forest structure from Pléiades image texture - B. Béguet (ENSEGID)</td>
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<tr>
<td>15:25</td>
<td>Pléiades sensor for improvement of gravitational hazards modeling in French Alps - L. Borgniet (IRSTEA)</td>
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<tr>
<td>15:50</td>
<td><strong>BREAK</strong></td>
</tr>
<tr>
<td>16:20</td>
<td>On the prediction of New Caledonian rain forest structure from Pléiades images using canopy grain analysis - E. Blanchard (IAC)</td>
</tr>
<tr>
<td>16:45</td>
<td>Forest regeneration monitoring based on HR and VHR imagery: the case of the Maida forest fire exploiting Pléiades HR imagery and the KALIDEOS database - M. Caspard (SERTIT)</td>
</tr>
<tr>
<td>17:10</td>
<td>Assessing the dynamics of Savanna - Forest contact zones in French Guiana - G. Viennois (CIRAD)</td>
</tr>
<tr>
<td>17:35</td>
<td>Mangroves monitoring using VHR Pléiades data under mining constraints - R. Andréoli (BLUECHAM)</td>
</tr>
</tbody>
</table>
Wednesday 2\textsuperscript{nd} April – 18:15 – 19:45

Poster Session

RISKS & SECURITY

RP1 - Natural disasters management using complementary satellite sensors: the example of the hurricane Haruna, Madagascar - T. Catry (SEAS-OI)

RP2 - Monitoring and mapping forest fires in the south-western Indian Ocean using very high resolution optical imagery - T. Catry (SEAS-OI)

RP3 - Use of Pléiades images to capture social inequalities in infectious diseases: identification of precarious housings in Mamoudzou (Mayotte) – V. Herbretêau (SEAS-OI)

RP4 - Utility of Pléiades imagery combined with LiDAR data to quantify vulnerability – example in the Ubaye Valley - A. Puissant (LIVE)

RP5 - Pilot the use of images Pléiades and SPOT 5 for consideration of risks in territorial development plans /experimental study of Tamatave Madagascar – R. Dorceus (Région Réunion)

RP6 - Contribution of VHR Pléiades data for updating urban maps in West Africa in the context of security and public health. Case of Dakar (Senegal) and Ndjamenà (Chad) – C. Uribé (SERTIT)

RP7 - Exploitation of Very High Resolution satellite data for monitoring and the characterization of flood plain events in Alsace, France - M. Studer (SERTIT/SPC)

RP8 - The use of Pléiades VHRSR imagery for wildland fire prevention: application to land-clearing management in the South of France - S. Sauvagnargues (LGEI)

RP9 - Validation of Pléiades products for landslide studies: Application to the Maca landslide, Peru - P. Lacroix (ISTerre)

GEOLOGY

GP1 - DEM generation and change detection from Pléiades images : tests on the glacier of Argentière - L. Benoît (IGN)

GP2 - Snowpack volume estimation on Mount-Lebanon using Pléiades stereoscopy – S. Gascoin (CESBIO)

GP3 - Suitability of a Pléiades VHR Digital Surface Model for glacier mass balance estimates at Mt. Gurla Mandhata and at Mt. Geladandong (China) - N. Holzer (UNIV. DRESDE -IPGS)

GP4 - Cultural resources management by using Pléiades data - R. Lasaponara (CNR)

GP5 - Pléiades tri-stereo data for detection, quantification and monitoring of gravitational processes - R. Sailer (UNIV. OF INNSBRUCK)

GP6 - Pléiades and paraglacial dynamic in Arctic: the central Lovén glacier and moraine unit (Spitsbergen, 79°N) - D. Laffly (GEODE)

GP7 - Using Pléiades "Persistent Surveillance" mode for the calculation of very high resolution DEMs, the 4D monitoring of deformation and the retrieval of surface roughness - R. Grandin (IPGP)

GP8 - Contributions of Pléiades VHR data during speleologic and scientific exploration mission “Ultima Patagonia 2014” (Patagonia, Chile) - B. Lans (ADESS)
AGRICULTURE

AP1 - Estimating taxonomic diversity of mountain meadows: potentialities of Pléiades imagery - D. Sheeren (DYNAFOR)

AP2 - Trees detection for water resources management in irrigated and rainfed arid and semi-arid agricultural areas - B. Mougenot (IRD)

AP3 - Potential of Pléiades mono- and tri-stereoscopic images for the agricultural mapping in Mayotte - S. Dupuy (CIRAD)

AP4 - Palm trees detection with very high resolution images, comparison between Geoeye and Pléiades sensors - L. Demagistri (IRD)

AP5 - Characterizing the structure of coffee agroforestry systems in Costa Rica - G. Le Maire (CIRAD)

3D

3DP1 - A Processing toolkit for 3D point clouds reconstructed from the Pléiades optical sensors - L. Claustres (Telespazio)

3DP2 - Generation of DSM from high resolution Satellite Imagery: applications with Geoeye-1 and Pléiades Satellite Imagery of Tripoli-Lybia - A. I. Abduelmula (UNIV. OF PORTO)

3DP3 - Accuracy and Quality Comparison of Orthorectified High Resolution Satellite Images - P. Agrafiotis (National Technical University of Athens)

3DP4 - Georeferencing accuracy assessment, DEM generation... over extreme undulating and mountainous urban area with dense forest inland of Zonguldak test site - H. Topan (BEU)

3DP5 - Assessing multi-angular Pléiades data over Melbourne - P. d'Angelo (DLR)

METHODOLOGICAL TOPICS

MP1 - Learning fuzzy rules to characterise objects of interest in a remote sensing image - B. Belarte (UNISTRA)

MP2 - Region growing segmentation of Pléiades images using the concept of mutuality - P. Lassalle (CESBIO)

MP3 - Pléiades downstream processing platform - J. Malik (CS-SI)

MP4 – OpenJPEG a free and open-source solution to access the new JPEG2000 geospatial products - M. Savinaud (CS-SI)

MP5 - Segmentation of VHR Images using a multiresolution scheme - C. Palmann (CS-SI)

MP6 - The Terr’Image education project - V. Doumerc (CNES)

FORESTRY

FP1 - The potential of Pléiades data within a multi-resolution satellite image database, including SPOT 5 and SPOT 4 data, to monitor forestry coverage changes in the context of the arrival of Sentinel 2 - H. Giraud (SERTIT)

FP2 - Contribution of Pléiades VHR for ecosystems mapping around Fukushima, Japan - C. Ottlé (LSCE)

FP3 - Wavelet based texture modeling for panchromatic VHR image classification: application to the differentiation of maritime pine forest age classes - O. Régniers (IMS)
CARTOGRAPHY

CP1 - Hanoi yesterday and today: the Pléiades data for urban ecology shared agglomeration between culture and postmodernism - D. Laffly (GEODE)

CP2 - Fusion of multi-temporal and multi-resolution remote sensing data with application to change detection for natural disasters - I. Hedhli (INRIA)

CP3 - Grey and green infrastructure in urban areas based on Pléiades image analysis combined with existing vector database - E. Wolff/L. Hubert-Moy/A. Puissant (LIVE)

CP4 - Database high precision in scales 1/10,000 and more - S. Guyard (FTM/Région Réunion)

CP5 - Synergy optical data Pléiades THRS and multifrequency SAR data (COSMOSkyMed, RadarSAT-2 et PALSAR) for mapping in Abidjan (Ivory Coast) and Kourou (French Guiana) - D. Niamen (UMLV)

CP6 - An image segmentation process enhancement for land cover mapping - M. Vitter (ASCONIT)

CP7 - Landuse mapping in northern Haiti, a test to achieve a more automated production procedure from SPOT5 and Pléiades data - M. Montabord (SERTIT)

CP8 - Photovoltaic plant mapping in Reunion Island from very high resolution optical remote sensing: the benefit of Pléiades imagery - C. Cros (REUNIWATT)

CP9 - Using Pléiades imagery for large-scale VHR land cover mapping as part of the Land Information System Austria - W. Stemberger (GEOVILLE)

CP10 - Environmental observatory of sensitive habitats using Pléiades-HR data contributing to biodiversity protection: case of the Common Hamster in Alsace, France - S. Battiston (SERTIT)

CP11 - Green infrastructure mapping within an urban context using Pléiades HR over Urban Community of Strasbourg - H. Giraud (SERTIT)

HYDROLOGY

HP1 - Terrace walls detection from a Pléiades Digital Elevation Model - J.S. Bailly (LISAH)

HP2 - Potentialities of Pléiades images to monitor the water level fluctuation of French reservoirs: comparison and complementarity with high spatial and temporal radar images - T. Tormos (IRSTEA)

HP3 - Synergy of VHR optical and VHR SAR data for generation of high resolution DSM’s over large flat areas. The case of Pléiades and TerraSAR-X exploitation over the low lying banks of Yangtze River (PR China) - H. Yésou (SERTIT)

SEA & COASTS

SCP1 - Exploitation of Pléiades data in coastal zone for the retrieval of biogeochemical parameters as well as seabed classification - A. Mangin (ACRI)

SCP2 - Evaluation of littoral distribution using images from Pléiades satellites on a reef context - S. Goutorbe (IRD)

SCP3 - Change detection from Pléiades images: A case study of Béjisa cyclone's impact on La Réunion coral reefs - G. Penno (ESPACE-DEV)

SCP4 - Use of texture modeling for panchromatic Pléiades image classification: application to oysters racks detection in the Arcachon Bay - O. Régiers (IMS)

SCP5 - Automatic parameter estimation for marked point processes applied to boat detection in harbor images - A. Boisbunon (INRIA)
SCP6 - Retrieving turbidity parameters from Pléiades on the coastal area of the United Arab Emirates - G. Ceriola (PLANETEK)

SCP7 - Detection of geomorphological indicators of the littoral zone - V. Lafont (EPOC)

SCP8 - Sunglint correction for high spatial resolution satellite images: application to the retrieval of bathymetry in shallow coastal waters - D. Bru (EPOC)

SCP9 - Mangrove is a coastal habitat subject to numerous direct anthropogenic pressures (deforestation, soil erosion in the watershed, ...) or indirect (global change) - A. Auré (ARDA)

SCP10 - The evolution of the bench to bench Catherine Sand and beach erosion in southern Rodrigues – J.L. Azie (ARR/Région Réunion)

SCP11 – Use of Very High Resolution Satellite Imagery for assessing coastal changes, Flic en Flac, Mauritius – N.A. Shaik Joomun (ADDM/Région Réunion)

SCP12 - Monitoring and Modeling Sea Color Product using High Resolution Pléiades Multispectral Images in Coastal Case 2 Waters – M. Hasanlou (University of Tehran)
Wednesday 2\textsuperscript{nd} April – 20:00 – 23:00

COCKTAIL DINNER

Musical Entertainment with the group ‘Paint It Blues’ and “scène ouverte” for those who wish
Thursday 3rd April – 8:30 – 12:30

Thematic Session: Cartography – M. Mandeau (CNES), M. Tonon (Airbus DS/Geo-Intelligence)

8:30  Introduction - J.P Cantou (IGN)
8:40  Land cover change detection - A. Gressin (IGN)
9:05  Very High Spatial Resolution satellite image processing and identification of areas issues in development of urban ecological network - P. Crombette (CIEU)
9:30  Multi-scale methodology to map urban structures: classification of Pléiades images combined to existing geographic data - E. Wolff (VALI-URB)

10:20  BREAK

10:50  Orthomosaic from Pléiades images and BD ORTHO® from IGN aerial imagery - J.F. Hangouet (IGN)
11:15  Delineating heterogenous spatial regions using morphological filtering on Pléiades images - J. Radoux (UCL)
11:40  Satellite monitoring of urban growth at La Réunion: insights from Pléiades imagery - T. Catry (SEAS-OI)
12:05  The precise determination of urban density with automatic methodologies applied to Pléiades images - D. Hébrard (CEREMA)

Thematic Session: Hydrology – S. Cherchali (CNES), P. Duthil (Airbus DS/Geo-Intelligence) and Sea & Coasts – J. Lambin (CNES), O. Pronier (Airbus DS/Geo-Intelligence)

8:30  Hydrology – Introduction - J.S. Bailly (LISAH)
8:40  Equations and numerical simulation of the morphological evolution of landscapes described by their high-resolution Pléiades DSM - J.M. Morel (CMLA)
9:05  The contribution of Pléiades HR data to the understanding and monitoring of a site of very high heritage and ecological value: Lake Poyang (Jiangxi Province, China) - H. Yésou (SERTIT)
9:30  Diachronic analysis of river dynamics using very high resolution satellite imagery - V. Wawrzyniak (ENS LYON)
9:55  Contribution of satellite imagery to search for clues of surface drainage within catchment areas of drinking water supply - S. Rucquoi (CEREMA)

10:20  BREAK

10:50  Sea & Coasts – Introduction - A. Mangin (ACRI)
11:00  Contribution of Pléiades Imagery to the Integrated Management of Coastal Areas: The case of the Thau Territory - C. Dupaquier, P. Maurel (TETIS)
11:25  Habitat mapping over tidal flats and coastal wetlands areas - A. Dehouck (EPOC)
11:50  Exploitation of Pléiades data to monitor the artificialization of the coastline and the anthropic pressure at coast - A. Mangin (ACRI)
12:15  Assessing the impact of extremely turbid waters on aquaculture along the western coast of France - P. Gernez (IUMI)

12:30 – 14:00 LUNCH
**Thursday 3\textsuperscript{rd} April – 14:00 – 16:30**

**Plenary Session** – H. de Boissezon (CNES), V. Bonnet-Soulères (Airbus DS/Geo-Intelligence)

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:00</td>
<td>Pléiades Days summary (thematic and methodological sessions) – C. Tinel, B. Boissin (CNES)</td>
</tr>
<tr>
<td>14:30</td>
<td>Sharing of experiences and data needs – S. Hosford (CNES), M. Stoll (IGN), V. Amans (ESA/Copernicus), M. Facchini (CE/Copernicus), P. Maurel (IRSTEA), F. Scher (CIE), S. Gesret (DGSCGC), D. Treinsoutrot (MEDDE), J.C. Poletti (EUSC)</td>
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<tr>
<td>15:30</td>
<td>Orfeo and beyond – Perspective of new programs – S. Hosford (CNES)</td>
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<td>15:50</td>
<td>Pléiades success stories and way forward – J.M. Darroy (Airbus DS/Geo-Intelligence)</td>
</tr>
<tr>
<td>16:10</td>
<td>Conclusion – M. Pircher (CNES), P. Berteaud (IGN), Ph. Pham (Airbus DS/Geo-Intelligence)</td>
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</tbody>
</table>

**Game "Looking for Pléiades" Awards**
The official language of the conference will be French with presentation materials in English. Nevertheless, some presentations will be given in English.
1 – 2 – 3 April

Technical demonstration workshops will take place during all breaks of the thematic sessions but also during most of the thematic/methodologic sessions.

**Salle SPOT**

OTB/Monteverdi
- Learn how to use the ORFEO ToolBox library for manipulation and analysis of Pléiades imagery ([http://orfeo-toolbox.org/](http://orfeo-toolbox.org/))

CNES Image Quality
- Demonstration of Image Quality Commissioning activities (geometry and radiometry) taking benefits from Pléiades agility

IGN
- Demonstration on stereo capture of 3D vector features and updating of IGN's topographic data base Information on how to order archive data and upload geocoded products on French territory (see [http://professionnels.ign.fr/images-pleiades](http://professionnels.ign.fr/images-pleiades))

CMLA
- Live demonstration of 3D reconstruction from Pléiades stereo and tri-stereo acquisitions, and demonstration of the Ipol website ([http://www.ipol.im/](http://www.ipol.im/))

**Salle ARGOS**

CNES Pléiades Users Thematic Commissioning Website
- Come to navigate into the Pléiades images acquired during the Pléiades UTC

Airbus Defence and Space / Geo-Intelligence

**GeoStore demonstration**
- GeoStore offers the opportunity to access millions of images from Pléiades, SPOT and TerraSAR-X. Tasking the Pléiades and SPOT 6 satellites is one of the numerous capabilities of the platform. You are welcome to attend interactive and hands-on demonstrations.

**GO Monitor Demonstration**
- What exactly do we do with GO Monitor? On-demand monitoring with guaranteed revisit, and ready-to-use change reports using a secure 24/7 web access.
- Come and find out and give us your feedback in this interactive demonstration.

Pléiades ISIS demonstration
- Discover the new ISIS website that allows European scientists to submit project requests for Pléiades and SPOT imagery subsidised by CNES

**Manipulable Pléiades model**
- Come to explore the Interior of the satellite!
Game "Looking for Pléiades"

“How well do you know Pléiades RTU images? Would you recognize your working sites? Or others? Find out by trying our "Looking for Pléiades" online game at [https://rtu-pleiades.kalimsat.eu/games] and maybe win a Pléiades image*!

The winner will be announced at the conclusion on April 3. In case of a tie, a draw will take place between all players in the tie to determine the winner.

* The online game will be available only from the conference site
**Tuesday 1<sup>st</sup> April – 9:30-12:30**

**Plenary Session** – P. Ultre-Guérard (CNES), R. Postma (Airbus DS/Geo-Intelligence)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>9:30</td>
<td>Introduction – T. Duquesne (CNES), B. Brenner (Airbus DS/Geo-Intelligence)</td>
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<tr>
<td>9:50</td>
<td>Results on capacity/performances of the constellation and image quality – A. Gleyzes (CNES)</td>
</tr>
<tr>
<td>10:20</td>
<td>Living Pléiades: sharing experiences on the operational use of the system – L. Maggiori (Airbus DS/Geo-Intelligence)</td>
</tr>
<tr>
<td>10:50</td>
<td>Interfaces for the distribution of data to Civil institutions – S. Hosford (CNES), J.P. Cantou (IGN), B. Montfort (Airbus DS/Geo-Intelligence)</td>
</tr>
<tr>
<td>11:20</td>
<td>French Ministry of Defence experience – E. Capliez (Ministère de la Défense)</td>
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<tr>
<td>11:45</td>
<td>Feedback on Users Thematic Commissioning (applications &amp; methodology) – C. Tinel (CNES)</td>
</tr>
</tbody>
</table>

12:30 – 14:00  **LUNCH**
Tuesday 1st April – 14:00 – 18:00

**Thematic Session: Risks & Security** - D. Fontannaz (CNES), F. Ranera (Airbus DS/Geo-Intelligence)

14:00  Introduction - H. Yésou (SERTIT)
14:10  Contribution of Pléiades HR imagery for disaster damage mapping: initial feedback over Asia, Africa, Europe or the Caribbean – P. Chastanet, H. Yésou (DGSCGC/SERTIT)
14:35  Contribution of Pléiades-HR imagery in reactive mapping to disasters affecting France during the Pléiades Thematic Users Commissioning phase: preliminary feedback - A. Escudier/H. Yésou (SCHAPI/SERTIT)
15:00  The Use of Pléiades Stereo Data in the frame of Port-au-Prince (Haïti) - M. De Michele (BRGM)
15:25  VHR Pléiades data in support to cyclone and tsunami risk management for local communities through geospatial cloud computing plateform - R. Andréoli (BLUECHAM)

15:50  BREAK

16:20  The use of Pléiades imagery to downscale vulnerability assessment of buildings and local infrastructure facing hazards from dilute and hyperconcentrated floods - S. Ettinger (LMV)
16:45  Very high spatial resolution and remote sensing for the characterization of murine rodent habitats around the St Paul pond, Reunion Island - C. Révillion (IRD)
17:10  Mapping rainfall-triggered shallow landslides in Oltrepo Pavese – Italy - F. Zucca (UNIV. OF PAVIA)
17:35  Use of the Very high resolution Spatial for the characterization of the urban spot and the management of the flood risk on the city of Toliara - S. Guyard (Région Réunion)

**Thematic Session: Geology** - S. Hosford (CNES), N. Pisot (Airbus DS/Geo-Intelligence)

14:00  Introduction – E. Berthier (Lab Geologie Lyon)
14:10  On the use of Pléiades high resolution imagery in glaciology: DEM generation and velocity mapping - E. Berthier (LEGOS)
14:35  Assessment of a glacier digital elevation model generated from Pléiades stereoscopic images: Ossoue Glacier, Pyrenees, France - R. Marti (GEODE)
15:00  Stereo-photogrammetry and displacement measurements with Pléiades satellite images - A. Stumpf (UNISTRA)
15:25  Comparison of Pléiades and SPOTView images for the geological study of the fourth ring road of Alger - M. Chahine (CEREMA)

15:50  BREAK

16:20  Capability of Pléiades data for preventive archaeology: case studies in Europe, Africa and Southern America - R. Lasaponara (CNR)
16:45  The Sahara before the desert: paleoshorelines of the Holocene Megalake Chad investigated by satellite imagery - M. Schuster (UNISTRA)
17:10  Identifying pyroclastic and lahar deposits and assessing erosion and lahar hazards based on HSR Images at active volcanoes - Z. Kassouk (LMV)
17:35  Spatial and temporal data mining of remote sensing data applied to erosion process discovery and analysis - R. Andreoli (BLUECHAM)
Wednesday 2nd April – 8:30 – 12:30

Thematic Session: Agriculture - C. Vignolles (CNES), G. Sigel (Airbus DS/Geo-Intelligence)

8:30 Introduction - E. Vaudour-Dupuis (AgroParisTech)
8:40 Use of very high resolution satellite images for monitoring application of the nitrates directive – B. Coiron (ARTELIA)
9:05 Contribution of VHSR Pléiades images to the assessment of agricultural systems over a peri-urban region near Paris, France - E. Vaudour-Dupuis (AgroParisTech)
9:30 Automatic hedgerow segmentation on PHR images: comparison of acquisition configurations - M. Arias (CESBIO)
9:55 The potential of Pléiades imagery for vegetation mapping: the example of grasslands and pastoral environments - V. Thierion (IRSTEA)

10:20 BREAK

10:50 Remote sensing of semi-natural elements: contribution of stereoscopy Pléiades for detecting hedges and grass strips - M. Fauvel (DYNAFOR)
11:15 Delineation of anthropic landscape features from VHR satellite imagery: application to agricultural parcels delimitation - N. Chehata (IRD-LISAH)
11:40 Use of texture modeling for panchromatic Pléiades image classification: application to vineyards detection - O. Régniers (IMS)
12:05 Synergy between Pléiades and UAV images for precision viticulture in the context of EarthLab programme - J. Helbert (Telespazio)

Thematic Session: 3D – J.M. Delvit (CNES), L. Gabet (Airbus DS/Geo-Intelligence)

8:30 Introduction - J.M. Morel (CMLA)
8:40 Observing the Earth in 3D with Pléiades-HR - J.-M. Delvit (CNES)
9:05 DSM Extraction from Pléiades Images using MicMac - P. Favé (IGN)
9:30 Pléiades 3D products - L. Gabet (Airbus DS/Geo-Intelligence)
9:55 s2p: An automatic stereo pipeline for Pléiades – C. de Franchis (CMLA)

10:20 BREAK

10:50 Generation, qualification and exploitation of digital surface models derived from Pléiades-HR tri-stereoscopic acquisitions - A. Durand (SERTIT)
11:15 Comparative assessment of 3D models accuracy at building level-GEOAP - D. Ayfantopoulos (GEOAPKONISIS SAPGE)
11:40 Upgrading the national altimetry reference in mountainous areas using Pléiades images - C. Puig (IGN)
12:05 Occlusion handling within the Digital Surface Model generation process from Pléiades stereoscopic images - C. Guérin (CEA)

12:30 – 14:00 LUNCH
## Thematic Session: Methodological Topics – O. Hagolle (CNES), L. Coeurdevey (Airbus DS/Geo-Intelligence)

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<tr>
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<tr>
<td>14:00</td>
<td>Introduction - F. Tupin (Telecom ParisTech)</td>
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<tr>
<td>14:10</td>
<td>Pléiades satellites image quality commissioning - L. Lebègue (CNES)</td>
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<td>14:35</td>
<td>ORFEO ToolBox - J. Michel (CNES)</td>
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<td>15:00</td>
<td>Updating and Upgrading 2D building databases from Pléiades-HR images: Towards a production release? - N. Champion (IGN)</td>
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<tr>
<td>15:25</td>
<td>A new statistical model for multisensor change detection - J. Prendes (TESA)</td>
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<tr>
<td>15:50</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>16:20</td>
<td>Using Orfeo Toolbox: a growing competence in a collaborative environment - D. Hebrard (CEREMIA)</td>
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<td>16:45</td>
<td>Large-scale application of object based image analysis techniques for Very High Resolution satellite imagery - D. Youssefi (CS-SI)</td>
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<td>17:10</td>
<td>Detecting moving objects in single Pléiades scenes of Melbourne - T. Krauss (DLR)</td>
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<tr>
<td>17:35</td>
<td>Wavelets on Graphs for Pléiades image texture segmentation - G. Mercier (TELECOM BREST)</td>
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## Thematic Session: Forestry – A. Sellé (CNES), P. Houdry (Airbus DS/Geo-Intelligence)

<table>
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<tr>
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<tr>
<td>14:00</td>
<td>Introduction - A. Jolly (ONF)</td>
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<tr>
<td>14:10</td>
<td>APSAT Pinastéréo project – Assessment of the volume of forest biomass in the massif of Landes de Gascogne using Pléiades stereo imaging - T. Belouard (IGN-APSAT)</td>
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<tr>
<td>14:35</td>
<td>Assessment of forest windfall damages using a Pléiades very high spatial resolution image - A. Jolly (ONF)</td>
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<tr>
<td>15:00</td>
<td>Quantification and mapping of forest structure from Pléiades image texture - B. Béguet (ENSEGID)</td>
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<tr>
<td>15:25</td>
<td>Pléiades sensor for improvement of gravitational hazards modeling in French Alps - L. Borgniet (IRSTEA)</td>
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<tr>
<td>15:50</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>16:20</td>
<td>On the prediction of New Caledonian rain forest structure from Pléiades images using canopy grain analysis - E. Blanchard (IAC)</td>
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<tr>
<td>16:45</td>
<td>Forest regeneration monitoring based on HR and VHR imagery: the case of the Maida forest fire exploiting Pléiades HR imagery and the KALIDEOS database - M. Caspard (SERTIT)</td>
</tr>
<tr>
<td>17:10</td>
<td>Assessing the dynamics of Savanna - Forest contact zones in French Guiana - G. Viennois (CIRAD)</td>
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<tr>
<td>17:35</td>
<td>Mangroves monitoring using VHR Pléiades data under mining constraints - R. Andréoli (BLUECHAM)</td>
</tr>
</tbody>
</table>
**Wednesday 2^{rd} April – 18:15 – 19:45**

**Poster Session**

**RISKS & SECURITY**

RP1 - Natural disasters management using complementary satellite sensors: the example of the hurricane Haruna, Madagascar - T. Catry (SEAS-OI)

RP2 - Monitoring and mapping forest fires in the south-western Indian Ocean using very high resolution optical imagery - T. Catry (SEAS-OI)

RP3 - Use of Pléiades images to capture social inequalities in infectious diseases: identification of precarious housings in Mamoudzou (Mayotte) – V. Herbreteau (SEAS-OI)

RP4 - Utility of Pléiades imagery combined with LiDAR data to quantity vulnerability – example in the Ubaye Valley - A. Puissant (LIVE)

RP5 - Pilot the use of images Pléiades and SPOT 5 for consideration of risks in territorial development plans /experimental study of Tamatave Madagascar – R. Dorceus (Région Réunion)

RP6 - Contribution of VHR Pléiades data for updating urban maps in West Africa in the context of security and public health. Case of Dakar (Senegal) and Ndjamea (Chad) – C. Uribé (SERTIT)

RP7 - Exploitation of Very High Resolution satellite data for monitoring and the characterization of flood plain events in Alsace, France - M. Studer (SERTIT/SPC)

RP8 - The use of Pléiades VHSR imagery for wildland fire prevention: application to land-clearing management in the South of France - S. Sauvagnargues (LGEI)

RP9 - Validation of Pléiades products for landslide studies: Application to the Maca landslide, Peru - P. Lacroix (ISTerre)

**GEOLOGY**

GP1 - DEM generation and change detection from Pléiades images : tests on the glacier of Argentière - L. Benoît (IGN)

GP2 - Snowpack volume estimation on Mount-Lebanon using Pléiades stereoscopy – S. Gascoin (CESBIO)

GP3 - Suitability of a Pléiades VHR Digital Surface Model for glacier mass balance estimates at Mt. Gurla Mandhata and at Mt. Geladandong (China) - N. Holzer (UNIV. DRESDE -IPGS)

GP4 - Cultural resources management by using Pléiades data - R. Lasaponara (CNR)

GP5 - Pléiades tri-stereo data for detection, quantification and monitoring of gravitative processes - R. Sailer (UNIV. OF INNSBRUCK)

GP6 - Pléiades and paraglacial dynamic in Arctic: the central Lovèn glacier and moraine unit (Spitsbergen, 79°N) - D. Laffly (GEODE)

GP7 - Using Pléiades "Persistent Surveillance" mode for the calculation of very high resolution DEMs, the 4D monitoring of deformation and the retrieval of surface roughness - R. Grandin (IPGP)

GP8 - Contributions of Pléiades VHR data during speleologic and scientific exploration mission “Ultima Patagonia 2014” (Patagonia, Chile) - B. Lans (ADESS)
AGRICULTURE

AP1 - Estimating taxonomic diversity of mountain meadows: potentialities of Pléiades imagery - D. Sheeren (DYNAFOR)

AP2 - Trees detection for water resources management in irrigated and rainfed arid and semi-arid agricultural areas - B. Mougenot (IRD)

AP3 - Potential of Pléiades mono- and tri-stereoscopic images for the agricultural mapping in Mayotte - S. Dupuy (CIRAD)

AP4 – Palm trees detection with very high resolution images, comparison between Geoeye and Pléiades sensors - L. Demagistri (IRD)

AP5 - Characterizing the structure of coffee agroforestry systems in Costa Rica - G. Le Maire (CIRAD)

3D

3DP1 - A Processing toolkit for 3D point clouds reconstructed from the Pléiades optical sensors - L. Claustres (Telespazio)

3DP2 - Generation of DSM from high resolution Satellite Imagery: applications with Geoeye-1 and Pléiades Satellite Imagery of Tripoli-Lybia - A. I. Abduelmula (UNIV. OF PORTO)

3DP3 - Accuracy and Quality Comparison of Orthorectified High Resolution Satellite Images - P. Agrafiotis (National Technical University of Athens)

3DP4 - Georeferencing accuracy asessment, DEM generation... over extreme undulating and mountainous urban area with dense forest inland of Zonguldak test site - H. Topan (BEU)

3DP5 - Assessing multi-angular Pléiades data over Melbourne - P. d'Angelo (DLR)

METHODOLOGICAL TOPICS

MP1 - Learning fuzzy rules to characterise objects of interest in a remote sensing image - B. Belarte (UNISTRA)

MP2 - Region growing segmentation of Pléiades images using the concept of mutuality - P. Lassalle (CESBIO)

MP3 - Pléiades downstream processing platform - J. Malik (CS-SI)

MP4 – OpenJPEG a free and open-source solution to access the new JPEG2000 geospatial products - M. Savinaud (CS-SI)

MP5 - Segmentation of VHR Images using a multiresolution scheme - C. Palmann (CS-SI)

MP6 - The Terr’Image education project - V. Doumerc (CNES)

FORESTRY

FP1 - The potential of Pléiades data within a multi-resolution satellite image database, including SPOT 5 and SPOT 4 data, to monitor forestry coverage changes in the context of the arrival of Sentinel 2 - H. Giraud (SERTIT)

FP2 - Contribution of Pléiades VHR for ecosystems mapping around Fukushima, Japan - C. Ottlé (LSCE)

FP3 - Wavelet based texture modeling for panchromatic VHR image classification: application to the differentiation of maritime pine forest age classes - O. Régniers (IMS)
CARTOGRAPHY

CP1 - Hanoi yesterday and today: the Pléiades data for urban ecology shared agglomeration between culture and postmodernism - D. Laffly (GEODE)

CP2 - Fusion of multi-temporal and multi-resolution remote sensing data with application to change detection for natural disasters - I. Hedhli (INRIA)

CP3 - Grey and green infrastructure in urban areas based on Pléiades image analysis combined with existing vector database - E. Wolff/L. Hubert-Moy/A. Puissant (LIVE)

CP4 - Database high precision in scales 1/10,000 and more - S. Guyard (FTM/Région Réunion)

CP5 - Synergy optical data Pléiades THRS and multifrequency SAR data (COSMOSkyMed, RadarSAT-2 et PALSAR) for mapping in Abidjan (Ivory Coast) and Kourou (French Guiana) - D. Niamen (UMLV)

CP6 - An image segmentation process enhancement for land cover mapping - M. Vitter (ASCONIT)

CP7 - Landuse mapping in northern Haiti, a test to achieve a more automated production procedure from SPOT5 and Pléiades data - M. Montabord (SERTIT)

CP8 - Photovoltaic plant mapping in Reunion Island from very high resolution optical remote sensing: the benefit of Pléiades imagery - C. Cros (REUNIWATT)

CP9 - Using Pléiades imagery for large-scale VHR land cover mapping as part of the Land Information System Austria - W. Stemberger (GEOVILLE)

CP10 - Environmental observatory of sensitive habitats using Pléiades-HR data contributing to biodiversity protection: case of the Common Hamster in Alsace, France - S. Battiston (SERTIT)

CP11 - Green infrastructure mapping within an urban context using Pléiades HR over Urban Community of Strasbourg - H. Giraud (SERTIT)

HYDROLOGY

HP1 - Terrace walls detection from a Pléiades Digital Elevation Model - J.S. Bailly (LISAH)

HP2 - Potentialities of Pléiades images to monitor the water level fluctuation of French reservoirs: comparison and complementarity with high spatial and temporal radar images - T. Tormos (IRSTEA)

HP3 - Synergy of VHR optical and VHR SAR data for generation of high resolution DSM’s over large flat areas. The case of Pléiades and TerraSAR-X exploitation over the low lying banks of Yangtze River (PR China) - H. Yésou (SERTIT)

SEA & COASTS

SCP1 - Exploitation of Pléiades data in coastal zone for the retrieval of biogeochemical parameters as well as seabed classification - A. Mangin (ACRI)

SCP2 - Evaluation of littoral distribution using images from Pléiades satellites on a reef context - S. Goutorbe (IRD)

SCP3 - Change detection from Pléiades images: A case study of Béjisa cyclone’s impact on La Réunion coral reefs - G. Pennober (ESPACE-DEV)

SCP4 - Use of texture modeling for panchromatic Pléiades image classification: application to oysters racks detection in the Arcachon Bay - O. Régniers (IMS)

SCP5 - Automatic parameter estimation for marked point processes applied to boat detection in harbor images - A. Boisbunon (INRIA)
SCP6 - Retrieving turbidity parameters from Pléiades on the coastal area of the United Arab Emirates - G. Ceriola (PLANETEK)

SCP7 - Detection of geomorphological indicators of the littoral zone - V. Lafont (EPOC)

SCP8 - Sunglint correction for high spatial resolution satellite images: application to the retrieval of bathymetry in shallow coastal waters - D. Bru (EPOC)

SCP9 - Mangrove is a coastal habitat subject to numerous direct anthropogenic pressures (deforestation, soil erosion in the watershed, ...) or indirect (global change) - A. Auré (ARDA)

SCP10 - The evolution of the bench to bench Catherine Sand and beach erosion in southern Rodrigues – J.L. Azie (ARR/Région Réunion)

SCP11 – Use of Very High Resolution Satellite Imagery for assessing coastal changes, Flic en Flac, Mauritius – N.A. Shaik Joomun (ADDM/Région Réunion)

SCP12 - Monitoring and Modeling Sea Color Product using High Resolution Pléiades Multispectral Images in Coastal Case 2 Waters – M. Hasanlou (University of Tehran)
Wednesday 2\textsuperscript{nd} April – 20:00 – 23:00

COCKTAIL DINNER

Musical Entertainment
with the group ‘Paint It Blues’
and “scène ouverte” for those who wish
Thursday 3rd April – 8:30 – 12:30

**Thematic Session: Cartography** – M. Mandea (CNES), M. Tonon (Airbus DS/Geo-Intelligence)

8:30  Introduction - J.P Cantou (IGN)
8:40  Land cover change detection - A. Gressin (IGN)
9:05  Very High Spatial Resolution satellite image processing and identification of areas issues in development of urban ecological network - P. Crombette (CIEU)
9:30  Multi-scale methodology to map urban structures: classification of Pléiades images combined to existing geographic data - E. Wolff (VALI-URB)

10:20  BREAK

10:50  Orthomosaic from Pléiades images and BD ORTHO® from IGN aerial imagery - J.F. Hangouet (IGN)
11:15  Delineating heterogenous spatial regions using morphological filtering on Pléiades images - J. Radoux (UCL)
11:40  Satellite monitoring of urban growth at La Réunion: insights from Pléiades imagery - T. Catry (SEAS-OI)
12:05  The precise determination of urban density with automatic methodologies applied to Pléiades images - D. Hébrard (CEREMA)

**Thematic Session: Hydrology and Sea & Coasts** – S. Cherchali (CNES), P. Duthil (Airbus DS/Geo-Intelligence)

8:30  **Hydrology** – Introduction - J.S. Bailly (LISAH)
8:40  Equations and numerical simulation of the morphological evolution of landscapes described by their high-resolution Pléiades DSM - J.M. Morel (CMLA)
9:05  The contribution of Pléiades HR data to the understanding and monitoring of a site of very high heritage and ecological value: Lake Poyang (Jiangxi Province, China) - H. Yé sou (SERTIT)
9:30  Diachronic analysis of river dynamics using very high resolution satellite imagery - V. Wawrzyniak (ENS LYON)
9:55  Contribution of satellite imagery to search for clues of surface drainage within catchment areas of drinking water supply - S. Rucquoi (CEREMA)

10:20  BREAK

10:50  **Sea & Coasts** – Introduction - A. Mangin (ACRI)
11:00  Contribution of Pléiades Imagery to the Integrated Management of Coastal Areas: The case of the Thau Territory - C. Dupaquier, P. Maurel (TETIS)
11:25  Habitat mapping over tidal flats and coastal wetlands areas - A. Dehouck (EPOC)
11:50  Exploitation of Pléiades data to monitor the artificialization of the coastline and the anthropic pressure at coast - A. Mangin (ACRI)
12:15  Assessing the impact of extremely turbid waters on aquaculture along the western coast of France - P. Gernez (IUML)

12:30 – 14:00 LUNCH
Thursday 3rd April – 14:00 – 16:30

Plenary Session – H. de Boissezon (CNES), V. Bonnet-Soulères (Airbus DS/Geo-Intelligence)

14:00  Pléiades Days summary (thematic and methodological sessions) – C. Tinel, B. Boissin (CNES)

14:30  Sharing of experiences and data needs – S. Hosford (CNES), M. Stoll (IGN), V. Amans (ESA/Copernicus), M. Facchini (CE/Copernicus), P. Maurel (IRSTEA), F. Scher (CIE), S. Gesret (DGSCGC), D. Treinsoutrot (MEDDE), J.C. Poletti (EUSC)

15:30  Orfeo and beyond – Perspective of new programs – S. Hosford (CNES)

15:50  Pléiades success stories and way forward – J.M. Darroy (Airbus DS/Geo-Intelligence)

16:10  Conclusion – M. Pircher (CNES), P. Berteaud (IGN), Ph. Pham (Airbus DS/Geo-Intelligence)

Game "Looking for Pléiades" Awards