

28-29 April 2016  
 Brussels 44 Center, Brussels, Belgium

**THURSDAY 28/04**

<u>Time</u>	<u>Room</u>	<u>Session</u>	<u>Speaker</u>
08:30 – 9:30 09:30 – 10:30	Foyer Auditorium	<b>Registration and welcome coffee</b> <b>Introduction: Startups, SME's and Space applications</b>	<b>Chair: Andreas Schoenenberg (ESA)</b>  Jacques Nijskens (Belspo) Magali Vaissiere (ESA) Amnon Ginati (ESA) Hans Crijs (Vlerick Business School) Leendert Bal (EMSA)
10:30 – 11:30	Auditorium	<b>Space Applications funding: a world of opportunities</b> ARTES Applications funding Space for Mediterranean Acceleration Programme Seraphim Space & Special Situations Fund Ovinto: testimonial on funding challenges Geosatis: testimonial on successful raising of external capital Avia-GIS: testimonial business angel funding	<b>Chair: Elia Montanari (ESA)</b>  Amnon Ginati (ESA) Youssef Hammidadin (Oasis500) Mark Bogget (Seraphim) Frederic Ronse (Ovinto) Urs Hunkeler (Geosatis) Guy Hendrickx (Avia-GIS)
11:30 – 12:00 12:00 – 13:00	Foyer Auditorium	<b>Coffee break</b> <b>Space 4 Transport</b> Introduction to ARTES Applications transport projects portfolio analysis EuroPORT: Optimising Intermodal Freight Transport through European Ports RTICM: Real-Time and Intelligent Cargo Monitoring  Advanced SAT-AIS Maritime Applications  DG-Trac: Support of dangerous goods transport in the medical sector Skyliberty: Air navigation safety for general aviation	<b>Chair: Rita Rinaldo (ESA)</b>  Rita Rinaldo (ESA)  Joao Sequeira (GMV)  Gerd Eiden (Luxspace)  Simon Chesworth (Exact Earth) and Jon Farrington (Roke) Harold Linke (HITEC Luxembourg S.A. ) Nicolas Hanse (ESNAH)
12:00 – 13:00	Minne	<b>Masterclass: How to convince investors?</b>	<b>Cedric Donck (Vlerick Business School)</b>
13:00 – 14:00 14:00 – 14:45	Foyer Auditorium	<b>Lunch break</b> <b>Space 4 Green Energy</b> Introduction by the ESA Directorate of Technical and Quality Management UK ambassador platform for offshore renewable energy Sewiss: Space Enabled Wind Installation Site Screening CSP-FoSyS: Concentrating Solar Power Forecast System	<b>Chair: Carla Signorini (ESA)</b>  Carla Signorini (ESA) Callum Norrie (Offshore Renewable Energy Catapult) Paolo Senes (Optimize group) Zeyad Yasser (TSK Flagsol GMBH)
14:45 – 15:30	Auditorium	<b>Turning EU directives into business opportunities</b> Introduction to space applications in support of waste management Steam: RPAS to help EU Member States enforce the EU sulphur emissions directive ICWM4MED: Monitoring of Coastal Water Quality. Cymons: Cyanobacterial monitoring services for operational management of surface waters	<b>Chair: Leendert Bal (EMSA)</b>  Tony Sephton (ESA) Pierre Debusschere (CLS) Paulo Manunta (Planetek) Marco Pieterse (Blueleg Monitor)
14:45 – 15:30	Minne	<b>Space weather: Application opportunities</b> ESA Space Situational Awareness: Space weather and possible applications	<b>Chair: Jan Dettmann (ESA)</b>  Alexi Glover (ESA)

28-29 April 2016

Brussels 44 Centre, Brussels, Belgium

**15:30 – 16:00**  
**16:00 – 16:45**

**Foyer**  
**Auditorium**

Introduction to Space weather in ARTES Applications  
 Swair - Space Weather Impact on GNSS service for Air Navigation

**Coffee break**

**Satcom operator initiatives to attract innovation**

Opening the way to new ideas  
 Satlas: SatCom Service Incubator  
 High Capacity Satellite (HCS) Applications  
 Factory initiative

**16:45 – 17:30**

**Auditorium**

**Different paths leading to ARTES Apps**

Introduction to ESA ARTES Applications Ambassador platform  
 Snowsense: from IAP Prize and to Demo Project  
 Technology Transfer Programme Office broker network  
 Profumo and Sympa: from EC-FP7 to ARTES applications

**16:45 – 17:30**

**Minne**

**Space & crowdsourcing: what's possible?**

Introduction to big data for space applications  
 Aircheckr: Air Quality check service using satellite imagery and crowdsourcing  
 New Commons: Urban forestry monitoring using satellite imagery and crowdsourcing

Simona: Satellite assets Integration for Maritime situatiON Awareness

**19:00 – 21:00**

**Brussels 44 Center**

**Walking dinner offered by Belspo and ESA**

Jan Dettmann (ESA)

Paulo Martins (Present Technologies)

**Chair: Francesco Feliciani (ESA)**

Francesco Feliciani (ESA)

Manuel Cuba (SES)

Shahida Barick, Carlene Lyttle, Michelle Kennedy (ViaSat UK)

**Chair: Nicolas Helsen (ESA/Belspo)**

Norbert Huebner (ESA)

Florian Appel (Vista GMBH)

Sam Waes (Verhaert)

Alessandra Settin (Vitrociset)

**Chair: Gonzalo Martin de Mercado (ESA)**

Gonzalo Martin De Mercado (ESA)

Nicolas Dosslaere (Nazka Maps)

Paul Hickey (Breadboard Labs)

Salvatore Castiglione (Engineering Ingegneria Informatica) & Valerio Corini (Nais Solutions)

**FRIDAY 29/04**

**09:00 – 9:30**  
**09:30 – 10:30**

**Foyer**  
**Auditorium**

**Welcome coffee**  
**Space 4 Railway**

Introduction to the ESA space 4 rail portal  
 ERTMS evolution, the role of satellites  
 How Satellite Navigation is contributing to a more efficient European Transport  
 Samolosa: Satellite Monitoring for Logistics Safety

3insat: GNSS and Satcom Integrated applications for the Evolution of ERTMS  
 EOMST: Satellite broadband on trains

**10 :30 – 11:15**

**Auditorium**

**Space Business Idea Challenge: Pitch deck**

**11:15 – 11:45**  
**11:45 – 12:45**

**Foyer**  
**Auditorium**

**Coffee Break**

**European service - Global reach**

Professional IP services for Africa and Middle East  
 Vecmap: Mosquito Habitat Mapping  
 Saltwater: Surface Water Monitoring  
 Geo-SHM: Structural health monitoring of bridges

**12:45 – 13:00**  
**13:00 – 14:00**

**Auditorium**  
**Foyer**

**Conclusion**

**Lunch break**

**Chair: Michele Castorina (ESA)**

Michele Castorina (ESA)

Chiel Spaans (ERA)

Fiammetta Diani (GSA)

Frederic Ronse (Ovinto)

Francesco Rispoli (Ansaldo)

Pierre Eisenmann (21Net)

**Cedric Donck**  
**(Vlerick Business School)**

**Chair: David Praet (Belspo)**

Caroline De Vos (SatADSL)

Guy Hendrickx (Avia-GIS)

Marco Pieterse (Blueleg Monitor)

Xiaolin Meng (Nottingham univ.)

**Andreas Schoeneberg (ESA)**

# 2016 ARTES Applications Workshop

## Thursday 28/04

Time	Main Agenda	
8:30-9:00	Registration & welcome coffee	
9:00-10:00	Introduction session Startups, SME's and Space applications	
10:00-11:00	Session 1 ARTES apps and complementary funding opportunities	
11:00-11:45	Coffee break	
11:45-12:45	Session 2.A Space 4 transport	Session 2.B Masterclass: How to convince investors?
12:45-13:45	Lunch break	
13:45-14:45	Session 3 Space 4 Green Energy	
14:45-15:45	Session 4.B Space weather: Application opportunities	Session 4.A Turning EU directives into business opportunities
15:45-16:45	Coffee break	
16:45-17:45	Session 5 Satcom operator initiatives to attract innovation	
17:45-18:45	Session 6.A Different paths leading to ARTES Apps	Session 6.B Space & crowdsourcing: What's possible?
18:45-19:45	Dinner @ Brussels 44 center	

## Friday 29/04

Time	Main Agenda	
8:30-9:00	Welcome coffee	
9:00-10:00	Session 7 Space 4 Railway	
10:00-11:00	Session 8 Space Business Idea Challenge: Pitch deck	
11:00-11:45	Coffee break	
11:45-12:45	Session 9 European service - Global reach	
12:45-13:45	Conclusion	
13:45-14:45	Lunch break	
14:45-15:45		
15:45-16:45		
16:45-17:45		
17:45-18:45		
18:45-19:45		
19:45-20:30		