

SPACE EXHibit • Events

SPARKme
SPace AcceleratoR

15 - 19 OTTOBRE 2018

WALK and TALK

MATERA
SPACE
DAYS
2018

un'iniziativa:



European Space Agency



Programma

c/o P.Lanfranchi, p.zza Pascoli 1, MT • **Lunedì 15/10/2018**

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OPTIONAL VISIT TO THE ASI GIUSEPPE COLOMBO CENTRE FOR SPACE GEODESY - 10.00 - 12.30

"The organisation of this visit, offered free of charge to the participants of the conference, will depend on the number of people willing to join. Participants will be picked up from Palazzo Lanfranchi to the Centre for Space Geodesy and back before the start of the conference."

Registration - 13.30 - 14.00

WELCOME - 14.00 - 14.30

Chair: **Toby Clark**, Secretary General of Eurisy
Roberto Cifarelli, Minister for Development, Employment, Training and Research Policies of the Basilicata Region
Dominique Tilmans, President of EURISY
Loredana Capone, Minister for Tourism and Cultural Industries, Management and Promotion of Cultural Heritage of the Apulia Region
Giuseppe Bianco, Director, Space Geodesy Centre "G. Colombo", Italian Space Agency (TBC)
Antonio Colangelo, President of the TeRN Consortium
Marta Ragazzino, Director of the Pole Museum of Basilicata

KEYNOTES - 14.30 - 15.30

Moderator: **Stefano Ferretti**, European Space Agency

The UNESCO Chair on "Mediterranean Cultural Landscapes and Communities of Knowledge" and the 2030 Agenda for Sustainable Development, Angela P. Colonna, UNESCO Chair, Department of European and Mediterranean Cultures, Architecture and Cultural Heritages, University of Basilicata
The EU Earth Observation activities in support of Cultural Heritage, Oriana Grasso, DG for Internal Market, Industry, Entrepreneurship and SMEs of the European Commission
European space data for World Heritage, Michel Praet, Head of the European Space Agency's Brussels Office
Digitisation in support to integrated applications for historical cities and the creative and artistic sectors: the opportunities offered by the testing phase of 5G in Matera, Albert Gauthier, Policy Officer, Interactive Technologies, Digital for Culture & Education, DG Communications Networks, Content and Technology of the European Commission

Coffee Break - 15.30 - 16.00

USER SESSION 1: MANAGING HISTORICAL CITIES - 16.00 - 17.00

Introductory speech: Galileo for historical and creative cities,

Gian Gherardo Calini, Head of the Market Development Department, CSA Agency
Using Sat Nav to enhance biking, improve urban mobility and optimise bus lines, Carlo Michelacci, Land Management Department, Sustainable Mobility Sector, Municipality of Bologna
Monitoring the structural integrity of historical buildings in Rome to plan maintenance works, Deodato Tapete and Francesca Cigna, Scientific Research Unit, Italian Space Agency

USER SESSION 2: SAFEGUARDING, PROMOTING AND VALUING CULTURAL HERITAGE - 17.00 - 18.00

Introductory speech: Satellites to safeguard cultural heritage, Laura Candela,

Earth Observation Unit, Italian Space Agency
Using satellite imagery to identify archaeological deposits and support urban planning, Paola Ventura, Superintendence for Archaeology, Arts and Landscape, Friuli Venezia Giulia, and Arianna Traviglia, Ca' Foscari University of Venice
Using satellite images to assess the damages to Iraqi cities during the ISIS' occupation, Marcello Moretti, Operations Manager and Epifanio Pecharomán, Imagery Analyst / Team Leader, European Union Satellite Centre

Coffee Break - 18.00 - 18.15

USER SESSION 3: CREATING INNOVATIVE ARTISTIC AND CULTURAL EXPERIENCES - 18.15 - 19.15

Introductory speech: Creativity made in Matera 2019,

Ariane Bieou, Fondazione Matera-Basilicata 2019
The immersive Virtual Reality experience applied to Cultural Heritage: a 5G use case in Matera, Raffaele Santangelo, Geocart-Digital Lighthouse, and Francesca Sogliani, Head of the Post-graduate School of Archaeological Heritage, University of Basilicata
Satellite imagery to enhance data visualisation and challenge our perspective of public space, Hans Hack, Data Visualiser, Mapmaker and Artist
Using GPS to create an original approach to the reading and writing of places, Jeremy Wood, Digital Artist, GPS Drawing

Final Remarks - 19.15 - 19.30

Toby Clark, Secretary General, EURISY

c/o P.Lanfranchi, p.zza Pascoli 1, MT • **Martedì 16/10/2018**

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WELCOME - 9.00 - 9.15

Chair: **Toby Clark**, Secretary General of Eurisy
Raffaello De Ruggieri, Mayor of Matera
Salvatore Adduce, President of the Matera-Basilicata 2019 Foundation

RESEARCH PROJECTS AND USE CASES FROM BASILICATA - 9.00 - 9.15

Moderator: **Vincenzo Lapenna**, Director of the Institute of Methodologies for Environmental Analysis of CNR (IMAA-CNR)
Earth Observation as an enabling factor for Cultural Heritage monitoring at site scale: study cases and perspectives, Francesco Soldovieri, CNR-IREA
Development of services for monitoring spatio-temporal variability and vegetation conditions of historical parks by analysing time series of vegetation indices derived from satellite images, Angelo Donvito, Digmata Earth Big Data integration for knowledge, monitoring and preservation of cultural heritage: the Artek Project, Rosa Lasaponara, CNR-IMAA
LIDAR-based investigations for the study of abandoned medieval villages in Basilicata, Nicola Masini, CNR-IBAN
Remote sensing and agent-based models for archaeological applications, Tuna Kalayci, CNR-IBAM (Marie Curie)
Urban sprawl monitoring of archaeological sites and monuments in Egypt, Abdel El Fadali, CNR-IMAA and University of Basilicata
Earth observation for World Archaeology in the era of Copernicus: applications by CNR Basilicata in Latin America and China, Rosa Lasaponara, CNR -IMAA, and Nicola Masini, CNR-IBAN

Coffee Break - 10.45 - 11.00

FUNDING OPPORTUNITIES TO USE SPACE IN THE CULTURAL SECTOR - 11.00 - 12.30

Moderator: **Valerio Tramutoli**, Head of LADSAT (SATellite Data Analysis Laboratory) School of Engineering - University of Basilicata
Infossession: Upcoming Horizon2020 calls relevant for the Space Sector and "Tips&Tricks" on how to write a high-quality and successful proposal, Virginia Puzzolo, Head of Space

Project Management Sector, Research Executive Agency of the European Commission
Funding opportunities under ESA ARTES Integrated Applications Programme, Francesco Feliciani, Head of Commercial Projects Section, Downstream Applications Department, European Space Agency

12.30 - 13.30 - Lunch

13.30 - 14.45 - ROUNDTABLE: CAPITALISING ON THE SPACE4CULTURE CONFERENCE TO STIMULATE CIVIL SOCIETY AND BOOST POLICY DIALOGUE

Moderator: **Roya Ayazi**, Secretary General, NEREUS
Roberto Cifarelli, Minister for Development, Employment, Training and Research Policies, Basilicata Region
Toby Clark, Secretary General of Eurisy
Massimo Comparini, E-GEOS Chief Executive Officer
Antonio Colangelo, President of TeRN Consortium
Andrea Cozzolino, Member of European Parliament, Vice-Chair of Committee on Regional Development
Oriana Grasso, DG for Internal Market, Industry, Entrepreneurship and SMEs
Oswaldo Piperno, Italian Space Agency
Francesca Sogliani, Head of the Post-graduate School of Archaeological Heritage, University of Basilicata

14.45 - 15.00 - Final Remarks

Baerbel Deisting, Director of Space and Space Applications at bavAIRia e.V., Vice-president of NEREUS

Mercoledì 17/10/2018 • c/o P.Openet Technologies Spa, Zona PAIP 2 via dell'Industria s.n.c.(MT)

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9.30 - SPACE ECONOMY: La programmazione economica delle attività Space in Europa e in Italia

Moderator: **Vito Gaudiano**, CEO Openet Technologies SpA

"Le politiche regionali dell'innovazione", **Roberto Cifarelli** - Assessore alle Politiche di Sviluppo, Lavoro, Formazione e Ricerca - Regione Basilicata
"Il ruolo dei Cluster nella Space Economy", **Salvatore De Blasio** - Presidente Cluster Lucano Aerospazio e componente Cluster Nazionale Aerospazio
"Venture Capital e Space Economy", **Matteo Cascinari** - SGR PrimoMiglio

11.00 - 11.15 - Coffee Break

"Gli incubatori ESA BIC: l'accordo dell'Agenzia Spaziale Italiana e della Regione Lazio", **Oswaldo Piperno**, ASI

"Il ruolo AICA nella definizione delle digital skill" - **Giuseppe Mastronardi**, Presidente Nazionale AICA Associazione Italiana per l'Informatica e il Calcolo Automatico
"I bandi regionali per l'Innovazione", **Donato Viggiano** - Dirigente Generale Dipartimento Politiche di Sviluppo, Lavoro, Formazione e Ricerca - Regione Basilicata

12.30 - 14.00 - Light Lunch

14.30 - 17.30 - 5G E SATELLITE: Applicazioni basate sull'integrazione satellite / 5G: nuovi scenari

Moderator: **Vito Gaudiano**, CEO Openet Technologies SpA

"La sfida del 5G: il satellite può contribuire a vincerla!" **Michele Luglio** - Università Tor Vergata di Roma
"ESA Opportunities on Downstream Applications for satellite within the 5G", **Francesco Feliciani** - Responsabile della sezione Progetti dimostrativi di applicazioni commerciali, Dipartimento di telecomunicazioni e Applicazioni integrate - Agenzia Spaziale Europea
"Matera: sperimentazione 5G", **Giampaolo D'Andrea** - Assessore all'Innovazione - Comune di Matera
"Applicazioni nell'ambito della sperimentazione 5G a Matera", **Angelo Donvito** - Presidente Sezione Unimatica - CONFAPI
Intervento Huawei

17.00 - 17.15 - Coffee Break

Conclusioni

Giovedì 18/10/2018 • c/o P.Openet Technologies Spa, Zona PAIP 2 via dell'Industria s.n.c.(MT)

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9.30 - 15.30 - Smart City: Applicazioni Smart per la Cultura e il Turismo in Basilicata

Moderator: **Prof.ssa Antonella Guida**

Presentazione "Atlante del Cibo", **Maria Valeria Mininni**, UNIBAS / Maurizio Argoneto, Publisys SpA
Presentazione "Matè" - **Antonella Tundo**, ENEA

11.00 - 11.15 - Coffee Break

"SaveHer Plus (Applicazioni per dispositivi mobili finalizzati alla partecipazione dei cittadini al fine di segnalare danni e atti vandalici sul patrimonio culturale e valutare lo stato d'uso e di gestione del patrimonio storico-architettonico)"

- **Fabrizio Gizzi**, CNR IBAM / Maurizio Argoneto, Publisys SpA
Presentazione "Piattaforma di monitoraggio wireless indoor & outdoor", **Luca D'Andrea/Nicola Masini** - Digmata / CNR IBAM
Materasocial.live, "il portale Social di Informazione, news, cultura e intrattenimento di Matera" - **Emanuele Frascati** - Openet Technologies SpA

15.00 - 15.30 - Dibattito

15.30 - Conclusioni

Venerdì 19/10/2018 • c/o P.Openet Technologies Spa, Zona PAIP 2 via dell'Industria s.n.c.(MT)

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9.30 - 13.00 - Education / Didattica Innovativa: Space for Education "la classe ovunque"

Moderator: **Vito Gaudiano**, CEO Openet Technologies SpA

Roberto Cifarelli - Assessore alle Politiche di Sviluppo, Lavoro, Formazione e Ricerca - Regione Basilicata
"BROSS: Satellite broadband for schools - Feasibility study", **Luisella Ciani** - 2thepointconsulting
"ONE CLASS! Open Network for Education", **Filomena Cuccarese** - Openet Technologies SpA
"Programma ESERO Italia", **Alfonso Lamanna** - Responsabile Unità Attività di Formazione (UAF) - Agenzia Spaziale Italiana

11.00 - 11.15 - Coffee Break

"Microsoft in the Classroom per una didattica senza confini", **Davide di Camillo** - Microsoft
"Formazione delle nuove figure professionali per la didattica innovativa", **Aurelia Sole** - Università degli Studi della Basilicata

"Lo stato dell'arte della scuola digitale lucana", **Pasquale Costante** - Ufficio Scolastico Regionale della Basilicata

13.00 - Light Lunch

in collaborazione



REGIONE BASILICATA



Consiglio Nazionale delle Ricerche

SviluppoBasilicata

