

DUST 2016

2nd International Conference on Atmospheric Dust

The Italian Association for the Study of Clays (AISA) and the Institute of Methodologies for Environmental Analysis (IMAA) are pleased to invite you to DUST 2016, the International Conference on Atmospheric Dust. The meeting provides an unique opportunity for mineralogists, physicists, geochemists, engineering, volcanologists, chemists and for many other specialists to share ideas and knowledge on the boundless world of the atmospheric particles.

Our Organization

AISA – Associazione Italiana per lo Studio delle Argille

Italian Association for the Study of Clays)

Dept. Geoenvironmental & Earth Sciences - University Aldo Moro – Bari

Via Orabona 4, 70125 Bari – Italy

Chair: Dr. Saverio Fiore

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E-mail: dust@scientevents.com

Dates to Remember

- 📅 April 7, 2015: Call for Sessions open
- 📅 June 22, 2015: Call for Sessions closes
- 📅 July 31, 2015: Review period ends
- 📅 August 20, 2015: Abstracts submission open
- 📅 December 16, 2015: Abstracts submission closes
- 📅 February 2016: Abstracts acceptance notification
- 📅 March 31, 2016: Oral Presenters must pay the applicable registration fee
- 📅 May 1, 2016: Poster Presenters must pay the applicable registration fee

Scientific Committee

DUST2016 Scientific Committee is composed of the Conveners of the Scientific Sessions and some invited scientists of international standing.

Samuel Albani (US), Dietrich Althausen (DE), Albert Ansmann (DE), Yves Balkanski (FR), Francesca Barnaba (IT), Sara Basart (ES), Marcello Biocca (IT), Elza Bontempi (IT), Aloys Bory (FR), Rosa Caggiano (IT), Maria Cambra López (ES), Anne E. Carey (US), Gregory Carling (US), Marco Carminati (IT), Claudia Carotenuto (IT), James Coe (US), Annamaria Costa (IT), Gabriele Curci (IT), Pavla Dagsson-Waldhauserova (IS), Jacob De Boer (NL), Maria Del Mar Viana (ES), Francesco Di Natale (IT), Roberto Fanigliulo (IT), Andrea Ferro (US), Stephanie Fiedler (DE), Saverio Fiore (IT), Reto Giere (US), Grothe Hinrich (AT), Jianping Huang (CN), Kenji Kai (JP), Konrad Kandler (DE), Konrad Kandler (DE), Michael L. Kaplan (US), Itzhak Katra (IL), Umesh Kulshrestha (IN), Tony Christian Landi (IT), Frank Lehmkuhl (DE), Julia Lu (CA), W. Berry Lyons (US), Slobodan B. Markovic (SR), Outi Meinander (FI), Mihaela Mircea (IT), Jeffrey Munroe (US), Slobodan Nickovic (SR), Carlos Perez (US), Daniele Pochi (IT), Veronique Riffault (FR), Denis-Didier Rousseau (FR), Charlotte Skonieczny (FR), Jonas Svensson (FI), Enric Terradellas (ES), Frederic Thevenet (FR), Yilin Tian (US), Gwenaëlle Trouve (FR), Bernadett Weinzierl (DE), Gisela Winckler (US).

CONFIRMED SESSIONS

Health & Environment

- HE01 - DUST FROM PESTICIDE TREATED SEEDS
- HE02 - URBAN DUST: HOW GOOD AND BAD FOR HUMANS AND PLANTS?
- HE03 - PARTICULATE MATTER: MONITORING AND SOURCE IDENTIFICATION
- HE04 - EMISSIONS OF PARTICULATE MATTER FROM SHIP'S EXHAUSTS: TRANSPORT, TOXICOLOGY AND MITIGATION STRATEGIES
- HE05 - INDOOR DUSTS
- HE06 - INNOVATIVE TECHNIQUES FOR REDUCTION OF PM_{2.5} EMITTED IN COMBUSTION PROCESSES
- HE07 - DUST IN LIVESTOCK FARMING
- HE08 - IMPACTS OF DUST STORMS ON URBAN ENVIRONMENTS
- HE09 - HUMAN EXPOSURE TO FLAME RETARDANTS AND RELATED CONTAMINANTS IN INDOOR DUST
- HE10 - INTERACTIONS BETWEEN DUSTS AND ATMOSPHERIC GASES: SORPTION, REACTION, AND MANY MORE...
- HE11 - DISPERSAL OF VOLCANIC ASH IN THE ATMOSPHERE

Instrumentations & Measurements

- IM02 - NEW SENSING STRATEGIES AND MINIATURIZED INSTRUMENTATION FOR PERVASIVE DUST MONITORING
- IM04 - SINGLE PARTICLE STUDIES OF ATMOSPHERIC DUST

Modelling & Field Studies

- MF01 - DUST AND CRYOSPHERE
- MF03 - METEOROLOGICAL PROCESSES INVOLVED IN MINERAL DUST EMISSION, TRANSPORT AND DEPOSITION
- MF04 - IMPACT OF SAHARAN DUST ON PARTICULATE MATTER LEVELS IN THE PLANETARY BOUNDARY LAYER OF MEDITERRANEAN COUNTRIES
- MF05 - DUST PARTICLES IN ICE CLOUD NUCLEATION
- MF07 - ATMOSPHERIC DUST MODELING AND FORECAST
- MF09 - ATMOSPHERIC TRANSPORT AND MODIFICATION OF MINERAL DUST
- MF10 - ASIAN DUST
- MF11 - MINERAL DUST EFFECTS ON CHEMICAL AND PHYSICAL PROPERTIES OF AEROSOLS: QUANTIFICATIONS WITH MEASUREMENTS AND/OR MODELS
- MF12 - ROLE OF DUST AND CLIMATE AND ROLE OF DUST FOR PROVIDING NUTRIMENTS TO MARINE AND TERRESTRIAL ECOSYSTEMS

Transport & Deposition

- TD02 - EURASIAN TERRESTRIAL PALEO-DUST RECORDS
- TD04 - INTERDISCIPLINARY STUDY OF DUST IN MOUNTAIN ENVIRONMENTS
- TD05 - PALEODUST ARCHIVES: CONSTRAINING THE MAGNITUDE OF THE DUST CYCLE IN THE QUATERNARY
- TD07 - DUST RESUSPENSION
- TD10 - IMPACT OF DUST ON TERRESTRIAL AND CRYOSPHERIC SYSTEMS: DEPOSITION AND GEOCHEMISTRY
- TD13 - THE MINERALOGICAL AND GEOCHEMICAL SIGNATURE OF SAHARAN DUST: HOW DIVERSE?

The Universe of Atmospheric Dust

- UD02 - DUST: OPEN SESSION

MEETING OVERVIEW TENTATIVE PROGRAMME

Please periodically check the conference website since changes are possible. Last update 11 March 2016

Mon			Tue			Wed	Thu			Fri		
HE02	HE10	HE03	HE11	MF03	HE03	Excursion	TD10	MF04	MF10	HE08	MF11	MF10
Coffee Break			Coffee Break				Coffee Break			Coffee Break		
HE02	HE05	HE03	TD04	UD02	HE03		TD13	MF04	MF10	HE06	MF11	MF10
Plenary Session			Plenary Session				Plenary Session			Plenary Session		
Lunch			Lunch				Lunch			Lunch		
HE01	HE05	TD02	MF01	UD02	HE04		HE09	TD05	MF07	IM02	MF09	HE07
Coffee Break			Coffee Break				Coffee Break			Coffee Break		
MF12	TD07	TD02	MF05	UD02	HE04		HE09	TD05	MF07	IM04	MF09	HE07
Poster Session I: HE			Poster Session II: IM,TD,UD				Poster Session III: MF					
Social Activities			Social Activities				Social Activities	Social Activities			Social Activities	

Plenary lecturers

Reto Gieré - University Of Pennsylvania - US
 Benjamin Murray - University of Leeds - UK
 Franco Marcantonio - Texas A&M University – US
 Iñacio Sainz-Díaz - CSIC & University Of Granada – ES

PROCEEDINGS



Authors who received the communication of acceptance for their abstract can submit a full paper, which will be published in a new open access conference proceedings series (ISSN 2283-5954). A full registered author (professional and student categories) can submit, free of charge, a max 2 papers (1 paper per accepted abstract). A contribution of Eur 100 per accepted abstract is required to 2-days registered author (max 2 papers). For additional papers, a publication fee (Eur 250,00) must be paid for each paper. **Deadline for submission is 30th June 2016.**

All submissions must be original, unpublished, and not submitted concurrently for publication elsewhere. If Authors wish to re-use an already published material, they must get permission from the copyright holder. All manuscripts must be in English. Writing should be concise and correct. English or American spelling is accepted if used consistently throughout the manuscript.

We strongly recommend that authors ask a colleague to review the manuscript before submission, in order to save time in the revision process.

The Publisher will not retain any rights in the submitted material; therefore it can be re-used without obtaining permission as long as a correct citation to the original publication is given.

The text should consist of a minimum of 4 to a maximum of 6 pages, including figures, tables, and references. Extra pages have a cost of Eur 50,00 per page.

Prepare your contribution **using the template** and name the file as follows: yourID_Surname (i.e., 999_Einstein). If more than one contribution is submitted by the same author, an alphabetical letter should follow the surname (i.e., 999_Einstein_a; 999_Einstein_b). The figures and tables should be saved in separate files, which name should be: 999_Einstein_Fig1; 999_Einstein_Table1;

Prepare a PDF file of your manuscript **following the guidelines reported in the template.**

To avoid difference in trim size and margin you should create your PDF from Word following the below given step: 1. Click [Save As] - 2. Click [PDF (*.pdf)] - 3. Click [Options] - 4. Select [Document] -5. Click [OK] -6. Click [Publish].

Please check the PDF to ensure that text appears as it should. Send the manuscript both in Word **and** PDF format.

REGISTRATION

Conferences organized by the Associazione Italiana per lo Studio delle Argille (AISA), a no-profit scientific society, can be attended by its members only. Therefore, to participate in the DUST 2016, you must be a member of AISA and the payment of the conference fee is intended as a declaration that you are asking to be member of AISA. On the basis of the Italian laws, we have to register you in our Book of Members for the 2016. This doesn't imply any commitment from your part and all the information stored in our systems will be deleted after the conference.

Conference Fees

Profile	Before 31 March 2016	1 April – 1 May 2016	After 1 May 2016
Regular: Oral Presenter*	€500	NA	NA
Regular: Poster Presenter*	€500	€600	NA
Regular: 2-Day Ticket – Oral Presenter*	€350	NA	NA
Regular: 2-Day Ticket – Poster Presenter*	€350	€450	NA
Student: Oral/Poster Presenter*	310 €	NA	NA
Regular	€450	€550	€600
Two Day Ticket*	€300	€400	€550
Student**	€260	€360	€410
Emeritus***	€260	€360	€410
Accompanying Person	€150	€200	€200

* Abstracts are only processed and included in the conference programme after the payment is completed - ** Please send proof of your status to dust@scientevents.com - *** Age 60 or older and retired from full-time employment

Services	Regular 5 days and Emeritus	Regular 2 days	Student	Accompanying Person
Abstracts	2	1	2	-
Badge for accessing the conference area	Five days	Two days	Five days	-
Conference documentation	✓	✓	✓	-
Conference bag	leather	canvas	canvas	canvas
Welcome party	✓		✓	✓
Coffee Break	✓	✓	✓	✓
Excursion to <u>Alberobello and Ostuni (Wednesday)*</u>	✓	-	✓	✓
Shuttle bus <u>Bari Airport – Nova Yardinia (Sunday)*</u>	✓	-	✓	✓
Shuttle bus <u>Nova Yardinia – Bari Airport (Saturday)*</u>	✓	-	✓	✓
Daily social activities at <u>Nova Yardinia Resort*</u>	✓	✓	✓	✓
Apulian Party*	✓	-	✓	✓

(*): Complimentary

Regular & Student Registration Fees (Full Conference) Cover:

- Submission of two abstracts
- Submission of two manuscripts for publication in the Conference Proceedings
- Five days of conference
- Conference documentation
- Conference bag (leather)
- Welcome party
- Coffee Break
- *Excursion to Trulli di Alberobello and Ostuni (Wednesday)
- *Shuttle bus Bari Airport – Nova Yardinia, on the Sunday
- *Shuttle bus Nova Yardinia – Bari Airport, on the Saturday
- *Daily social activities at Nova Yardinia Resort
- *Apulian Party

(*): Complimentary

Regular Two-Day Registration Fees Cover:

Submission of one abstract
Submission of one manuscript for publication in the Conference Proceedings
Badge for accessing the conference areas on Monday-Tuesday or Thursday-Friday
Conference documentation
Conference bag (canvas)
Coffee Break

Accompanying Person Fees Cover:

Companion bag (canvas)
Welcome party
Coffee Break
*Excursion to Trulli di Alberobello and Ostuni (Wednesday)
*Shuttle bus Bari Airport – Nova Yardinia
*Shuttle bus Nova Yardinia – Bari Airport
*Daily social activities at Nova Yardinia Resort
*Apulian Party
(*): *Complimentary*

Excursion to Alberobello and Ostuni

One-day excursion to Alberobello and to Ostuni is free of charge for full registrants (professionals and students). Ticket for two-day participants: €100.00. Please mail dust@scientevents.com for information.

Payment by Bank Transfer

Bank name: Fineco Bank (UNICREDIT GROUP)
Account name: Associazione Italiana per lo Studio delle Argille – onlus
IBAN: IT81M030150320000003445310 Swift: UNCRITMM
Details of payment: Your ID (or IDs for multiple registrations)
Note: Payment must include all the applicable bank wire fees

Organising Society:
Associazione Italiana per lo Studio delle Argille – onlus
Dept. Geoenvironmental and Earth Sciences – University Aldo Moro, Bari Via Orabona 4, 70125 Bari – Italy
VAT: 06332990727 – CF: 93296070720

Terms and Conditions

Cancellation and Refund Policy - Please notify the Congress Secretariat if there should be any cancellations of registrations. Written notifications received before 31st March 2016 will have an 80% refund. No refund is foreseen for cancellations received after 31st March 2016. If you cannot take part in the Conference, you may transfer your registration fees to a colleague at any time (please contact the Secretariat).

Disclaimer - A lot of effort is going into making the DUST 2016 a success, presenting a printed programme as scheduled and ensuring safety and comfort. However, neither the DUST 2016 nor any of its representatives will be legally responsible for any cancellation of the Congress, arrangements, programmes or plans having to do with the DUST2016 or any loss, injury, damage or inconvenience which may be suffered by any person while travelling to or from, or during their stay in Italy for the DUST2016.

Privacy and Security

AISA respects your personal information. We will not rent or sell your name, address, email address, credit card information or personal information to any third party. Any personal credit card information you submit to DUST 2016 will only be used to process your registration to the conference. Your credit card data will not be stored on AISA's database and will not be retained by AISA. AISA will retain (**offline**) only the last five digits and expiration date of your card for administrative purposes. After the conference all data you provided will be deleted from our storage systems.

VENUE & LODGING

The Conference Venue - The meeting will take place in the Nova Yardinia resort, at the Calanè Conference Centre. It is located at 4 km from Castellaneta Marina, at 20 km from Castellaneta, and at 18 km from Taranto. It offers many conference facilities and wide spaces. There are no public transportation to/from Nova Yardinia. Daily private car

connections to Taranto and Castellaneta will be arranged by Nova Yardinia. Cost: 100.00 euro per car (max 4 passengers)

We encourage you to attend the meeting with accompanying persons. The beautiful pinewood along 5 km of private beach, the high standard facilities and comforts of a 4 starring resort, the proximity of UNESCO World Heritage Sites invite you to have a relaxing conference in Italy.

Lodging - Primary housing for the participants is the Nova Yardinia Resort.

Prices include breakfast, lunch, dinner, beverages (wine and water during meals), shuttle to the beach, swimming pool, daily evening entertainments. Card Club fee waived



for participants to DUST2016.

Calané Hotel (4*) Single room: € 105.00 – Double room € 140.00

Alborea Hotel (5*) Single room: € 120.00 – Double room € 160.00

Kalidria Hotel (5*) Single room: € 130.00 – Double room € 180.00

Nova Yardinia online booking service: <http://www.novayardinia.it/eng/dust-2016>

If the booking server doesn't work properly, please reserve your room by sending an email to info@novayardinia.it.

Alternate housing for the meeting attendees are available at Castellaneta Marina. Before choosing other hotels, be sure that you can get easily to the conference centre (no public transportation is available).

The Organising Committee is not responsible for booking of accommodation.

TRAVEL to DUST 2016

Invitation Letter

The Organizing Committee will be pleased to send an invitation letter upon request to the participants registered. Such a letter should only be intended as a help to get funds, not as a commitment on the part of the organizers to provide any financial support. Please send your request to the DUST 2016 Secretariat (dust@scientevents.com) specifying your name, institution, postal address and fax number to which the invitation letter should be sent. Please consult Italian diplomatic representatives in your Country.

Passport/Visa

Any foreign visitors wishing to enter the Italian Republic must have an Identity Card (UE citizens) or a valid passport (non-EU citizens). Someone may need a Visa before coming. Email dust@scientevents.com to get a VISA support letter but please consult your local passport authority or Italian diplomatic representatives in your Country about information they need. More information on travelling in Europe can be found at [this web page](#).

How to get to the Conference Centre

The Calané Conference Centre – Nova Yardinia venue is located near Castellaneta Marina, at 95 kilometres away from Bari. The Conference Centre is easily accessible from Bari Airport (the Meeting Point) by bus or car service provided by DUST 2016. You can also get Taranto from Bari by train and Calané Conference Centre by public taxi or private taxi car (distance: about 30 km). There are not public transport services from Bari Airport to Nova Yardinia.

Getting to Bari Airport

Arrival by Planes. Several airlines fly to Bari, including low cost companies, and a lot of daily flights from the two Italian hubs – Rome and Milan – reach this little but very functional airport. Please visit the [Airport web site](#) for more information and book your flight early to get the ticket at the best price.

To get to the shuttle bus (on Sunday 13), exit from the airport and go right for about 100 m. **The bus has the conference sign.**

Arrival by Train/Bus. People who arrive in Bari from other Italian localities by train or bus (stop at or near the Railway Central Station (Stazione Bari Centrale)) can get to Karol Wojtyła Bari Airport by:

- Urban public bus (bus n. 16). The single ticket costs € 1.00 each. Travel time: 35-40 min. Tickets can be purchased in newspaper and tobacco kiosks.
- Airport Shuttle. The single ticket costs € 4.15 each. Travel time: 25-30 min. Tickets can be purchased from the driver.
- Railway (Treni Ferrotramviaria). The single ticket costs € 5.00 each. Travel time: 15 min. Tickets must be purchased on this website selecting the following options: Departure Station: Bari Centrale – Arrival Station: Bari Aeroporto.

Arrival by Boat. Bari is the destination for ferries incoming from the Greek port of Patra and Igoumenitsa. There are also ships from Bar (Montenegro), Dubrovnik (Croatia) and Durrës (Albania). Ferry operators are either Superfast Ferries, Blue Star Ferries, Azzurraline or Jadrolinija. You can get to the Railway Central Station on the bus n. 20/ (take care: 20 strikethrough!). Urban bus tickets can be purchased in newspaper and tobacco kiosks (€1.00).

Getting to Nova Yardinia from Bari Airport

Conference Shuttle. A complementary shuttle service will be provided by the DUST 2016 from Bari Airport to Nova Yardinia and vice versa to full registrants. The shuttle service will be provided on Sunday (from Bari Airport – to Nova Yardinia) and on Saturday (from Nova Yardinia – to Bari Airport). The time of the shuttle departure as well as the frequency of the rides will be scheduled on the time of the participants' arrival/departure. It is important to fill in the travel info section on your Conference Personal Page whether you need our help.

This cheapest solution is suitable for the participants who will stay in Nova Yardinia for the entire week.

Two-day participants can purchase the ticket (EUR 25.00) by emailing dust@scientevents.com.

Renting a car. There is a very good highway from Bari Airport to Nova Yardinia. It will take you about one hour drive. The Nova Yardinia has large parking areas (free). This solution is suitable for the participants who feel like visiting the wonderful places surrounding the conference venue.

Private car service. This service will be provided during the meeting from Sunday to Saturday. The cost of transportation from Bari Airport to Nova Yardinia (or vice versa) is EUR 100.00 per car (max 4 persons per car).

Other useful & useless information

Time - Rome is one hour ahead of Greenwich Mean Time (GMT). Difference with London: -1 hour; New York City: -6 hours; Tokyo: + 8 hours.

Climate - Mean daily temperature ranges from 14-16°C (min) to 26-28°C (max).

Telephone - International Calls: 0039 + phone number.

Mobile Phone - Mobile phones use the GSM, 3G and 4G frequency bands.

Banks-Exchange - Italy's official currency is the Euro. Banks are open weekdays from 8.30 to 13.30. Currency can be exchanged also at the Railway Central Station, at the airport and foreign exchange automatic points throughout the city. Most hotels, restaurants and shops accept major credit cards.

Electricity - Voltage is 220V; two round pin plug.

Smoking Policy - Smoking is banned in all indoor public places and in all workplaces.

Tipping - In bars and restaurants service charge (servizio) is included in the bill. Tipping is not mandatory but is welcomed.

Taxes - VAT (value added tax; locally IVA) is normally included in the price of most goods and services. Generally the rate stands at 22% of the sale price.

Emergency - Police 113 – Carabinieri 112 – Medical First Aid 118.

INSTRUCTIONS & SUGGESTIONS FOR ORAL PRESENTATIONS

The oral sessions are divided into slots consisting of five contributions each. A 30-minute-long talk opens each session followed by four 15-minute-long talks.

Each presentation is identified with a number which indicates the corresponding session and position in the programme. The code number indicates in the following order: i) the session and the slot of the lectures; ii) the day scheduled for the lecture or the poster presentation; iii) the order of the lectures or poster presentations within the slot.

An example: XX.Thu.L6 means Session_XX, Thursday, 6th Lecture.

Therefore lectures coded L1, L6, L11 will be 30' long talk (discussion included).

All the rooms are equipped with a computer (Windows operative system) and a LCD projector.

Power Point and Acrobat Reader software will be installed.

Please let us know sufficiently in advance of any special needs you may have for your lecture.

HOW TO PREPARE YOUR PRESENTATION

PowerPoint Instructions - If preparing your presentation in PowerPoint, please use PP 97-2003 software versions to guarantee they will open successfully on an on-site PC.

We recommend you to save your PowerPoint presentation using PPT format instead of PPS.

PICTURES

JPG images are the preferred file format for inserted images.

GIF, TIF or BMP formats will be accepted as well.

Images inserted into PowerPoint are embedded into the presentations. Images that are created at a dpi setting higher than 200 dpi are useless and will only increase the file size of your presentation. Try to avoid overloading your presentation with unnecessary images.

We cannot provide support for embedded videos in your presentation; please test your presentation with the on-site PC several hours before your presentation. Generally, the MPEG-1 format should work with no difficulties.

Videos that require additional reading or projection equipment will be not accepted.

FONTS

Only fonts that are included in the basic installation of MS-Windows will be available. Use of other fonts not included in Windows can cause wrong layout/style of your presentation. We suggest the following fonts: Arial, Times New Roman, Tahoma. If you need to use different fonts, these must be embedded into your presentation by choosing the right option when saving your presentation (File menu >> Save As >> Tools menu >> Embed True Type Fonts).

HOW TO SAVE YOUR PRESENTATION

Please submit your presentation in one of the following formats: CD-ROM, DVD-ROM, USB flash disc.

File name of your presentation must be the code of your abstract.

Always make a backup copy of your presentation and save it on a different portable disc or medium than the original presentation.

HOW TO SUBMIT YOUR PRESENTATION

Please come to the Speakers Ready Corner well in advance before your presentation (preferably the previous day) and contact the technician, who will make sure your presentation is ready in the appropriate room.

You can either control/move slides during your presentation on your own (by remote control PowerPoint) or ask the operating staff to do it on your behalf – in that case, please use words “Next slide” or “Previous slide” to instruct the staff.

Your own laptop will be not accepted for the presentation.

When your session is over, your presentation will be deleted from the computers. No copies will be made.

INSTRUCTIONS FOR POSTER PRESENTATIONS

POSTER BOARDS

Poster must be prepared for portrait mode (vertical) and will be limited to 90 cm wide x 120 cm high.

Materials for fixing posters will be available at the Registration Desk.

The poster boards will be numbered by the organizers.

It is advisable to prepare leaflets with summarization of your presentation. They will be put beside your board for the distribution to the participants.

If you submit an abstract and then you cannot participate in the meeting, send the poster to us or a meeting attendees. A blank poster board is a ghastly business card and we (you!) paid for it.

GUIDELINES FOR POSTERS

Accuracy, efficiency, and ease of communication should be the main criteria in designing a poster. Join these criteria together with aesthetic appeal and attention grabbers to capture readers' attention.

There are a few rules for preparing posters. The following suggestions will help to produce a poster that people will read and possibly remember:

The poster title should be in very large letters that can be clearly seen at one meter long distance away.

Text letters should be at least 0.8 cm.

It should be possible to read and understand a poster within 5 minutes. There will be several posters exhibited at the same time. Long posters are ignored by most attendees. Design the parts to be simple and effective.

Use graphs instead of tables, tables instead of lists, lists instead of text. Posters full of text will be ignored.

Be creative. A good large colour photograph frequently adds greatly to a poster. But don't overdo this: it can result a kitschy poster!

It is advisable to separate clearly the poster parts: Introduction, Procedures, Results, Interpretation, Conclusions.

Minimize abbreviations because it is difficult to remember three or more abbreviations (other than standard ones) when reading a poster.

Most people read the title and conclusions. If these do not pique their interest, they go on to the next poster.

Authors are responsible for retrieving their posters during removal time. After that time, abandoned posters will be discarded.

Poster Session I:

POSTER SET UP: Monday, June 13, 7:30 – 13:00

SESSION RECEPTION: Monday, June 13, 18:00 – 19:30

POSTER REMOVAL: Tuesday, June 14, before 9:00

Poster Session II:

POSTER SET UP: Tuesday, June 14, 7:30 – 13:00

SESSION RECEPTION: Tuesday, June 14, 18:00 – 19:30

POSTER REMOVAL: Wednesday, June 15, before 9:00

Poster Session III:

POSTER SET UP: Thursday, June 16, 7:30 – 13:00

SESSION RECEPTION: Thursday, June 16, 18:00 – 19:30

POSTER REMOVAL: Friday, June 17, before 9:00

P.O.S.T.E.R. SERVICE

Are you tired with carrying your poster all around the world? We can help you by P.O.S.T.E.R. service, Pick-up it On Site To Eliminate Rolls. P.O.S.T.E.R. is a cheap service to pick up your poster, on HR paper, at your arrival at the conference centre

INSTRUCTIONS FOR POSTER SERVICE

STEP ONE

Prepare your poster comfortably in your office.

The maximum size is 90 cm (wide) x 120 cm (height) in portrait (vertical) mode.

Save the file by using your UserID followed by a, b, if you have more than one poster.

STEP TWO

Prepare the PDF of your poster.

STEP THREE

Send the file to the following email address poster2016@scientevents.com

STEP FOUR

Pick up your poster at your arrival at the Conference Centre. Payment is in cash.

EXCURSIONS

One-day excursion to Alberobello and to Ostuni is free of charge for full registrants (professionals and students). Ticket cost for two-day participants is €100.00. Please mail dust@scientevents.com for information.

Other excursions in wonderful localities are being arranged. Costs depends on the number of participants and will be available at the Tourist Desk (Calané Hotel Hall)

One-day visits to Unesco Sites – Sassi di Matera, Trulli di Alberobello, Castel del Monte, Pompei, Ercolano – and to historical sites to will be proposed to DUST 2016

OSTUNI (free of charge for full registrant)

OSTUNI is one of the most beautiful and famous towns in Apulia. It is called "Città Bianca", the Italian for "White Town" and its name derived from the Greek *Astu neon* ("new town").



Sacked after the fall of the Western Roman Empire, in 996 AD the town became part of the Norman County of Lecce. In this period started the development of medieval town around the summit of the 229 m high hill, there was built a castle (now only parts of the original castle remain) and city walls with four gates. From 1300 to 1463 it was part of the Principality of Taranto and from 1507 passed to Isabella, Duchess of Bari. Under the influence of Isabella, Ostuni enjoyed a golden-age within the wider panorama of the Italian Renaissance. In this period Isabella gave protection to humanists and people of art and letters, including bishop Giovanni Bovio. Isabella died in 1524 and Ostuni passed as dowry to her daughter Bona Sforza, wife-to-be of Sigismund I of Poland, King of Poland and continued to enjoy a liberal and magnanimous regime.

TRULLI DI ALBEROBELLO (free of charge for full registrant)

Half day excursion. Visit to a little town mainly composed of stone dwellings with conical roves and built without any mortar. Tours by bus. Distance: 60 km.

ALBEROBELLO, known as the Capital of the Trulli, is situated on two hills separated by an ancient riverbed. The Eastern hill hosts the modern town and the other hill towards the West is where the "trulli" are to be found. They are clustered together in two quarters: Monti and Aia Piccola, and are both considered National Monuments. The trullo, a building with conical roof made without mortar, is a fascinating architectural feature of this area of Apulia.



The history of this unusual town dates back to the second half of the XVI century when, as it was a small fief under the control of the Acquaviva family, the Counts of Conversano, it began to fill up with farmers who made the (so-called) Selva a fruitful land. The Counts authorized the colonists to build dry dwellings, in order to have them easily pulled down in case of royal inspection. As a matter of fact, according to the "Prammatica de Baronibu", the birth of an urban conglomeration required the payment of a tax. The idea mentioned above allowed them to save this unjust tax. On 27th May 1797, King Ferdinando IV of Bourbons issued a Decree by means of which the small village became free.

The collection of some 1,500 “trulli” – some of which are still inhabited by the locals as well as used for stores, restaurants and lodging – is unique. For this reason the “Trulli di Alberobello” were inscribed on the UNESCO World Heritage Site in December, 1996.

MATERA - The town of the “Sassi” - UNESCO World Heritage site. Tour by bus. Distance: 60 km

The area of what is now Matera has been settled since the Palaeolithic. The city was allegedly founded by the Romans in the 3rd century BC, with the name of Metheola. The international fame of Matera is related to its ancient town, the



“Sassi di Matera” (meaning “stones of Matera”). The Sassi originate from a prehistoric (troglodyte) settlement, and are considered to be some of the first human settlements in Italy. The Sassi are houses dug into the tuff rock itself and many of these “houses” are really only caverns, and the streets in some parts of the Sassi often are located on the rooftops of other houses. The ancient town grew in height on one slope of the ravine created by a river that is now a small stream. The Sassi di Matera was named a World Heritage Site by UNESCO in 1993

Another important monument to visit in Matera is the Cathedral (1268–1270), a church dedicated to Santa Maria della Bruna since 1389. There are many other churches and monasteries dating back throughout the history of the Christian church. Some are simple caves with a single altar and maybe a

fresco, often located on the opposite side of the ravine. Some are complex cave networks with large underground chambers, thought to have been used for meditation by the rupestrian and coenobitic monks.

GROTTAGLIE - The town of the ceramic handicrafts + MARTINA FRANCA The town of the Valle d’Itria. Tour by bus. Distance: 50 + 24 km



GROTTAGLIE – The name Grottaglie derives from the Latin Cryptae Aliae, meaning “many ravines”, which has been inhabited since the Palaeolithic Age. The ancestral part of Grottaglie was one of the citadels in the area, referred to in Medieval documents as Casale Cryptalerum, founded during the Dark Ages by the inhabitants of the caves who sheltered there due to Saracen invasions. The fief of Grottaglie was donated by the Norman overlords to the archbishopric of Taranto in the 11th century. In the 14th century the ecclesiastic administration provided the fief with fortifications, walls, a castle (Castello Episcopio, Italian for “archbishop’s castle”) as well as with the Chiesa Madre (“Mother Church”).

Grapes and ceramics-industry are two traditional elements of the local economy since the times of Greater Greece.

The numerous ceramic finds, tracing back to the Classical Age and kept in the National Museum of “Magna Grecia” in Taranto, reveal the antique roots of this handicrafts production which was privileged by the presence of clays in the surrounding territory.



MARTINA FRANCA – In the highest part of the Murge, between Taranto and Brindisi, lies one of the most characteristic towns of the Puglia region: Martina Franca. The old town has the greatest tourist appeal, with its fabulous and completely intact baroque buildings. Martina Franca has a unique setting, dominating the Valle d'Itria, known as the Valley of the Trulli with its vineyards, small groups of picturesque white houses, dry stone walls and open countryside. The climate adds to the appeal, and, due to its position 400 meters above sea level, a wonderfully mild temperature throughout the summer months is guaranteed. The architecture of the historic part of town is charming with small white houses, narrow lanes, wrought iron balconies covered in flowers, Palazzi and Churches, and monuments including

the gateway Porta di St. Antonio, the Arch of St Stefano, Palazzo Ducale and the Collegiata of St Martino.

BARI - The city of Santa Claus. Tour by bus. distance: 100 km

BARI (ancestral, Barium) was an important Roman colony and a commercial centre in the II century BC. But its greatest importance dates back to 852 B.C. – when it became the seat of the Saracen power – and to 885 B.C. – when it became the residence of the Byzantine governor. In 1071 it was conquered by Robert Guiscard and this was the town where Peter the Hermit supported the First Crusade in 1095. In the XIV century it became an independent duchy and in 1558 it was given to Philip II of Spain and Naples by Bona Sforza.



Bari is situated on a small peninsula overlooking the Adriatic Sea and consists of two parts, the narrowly-built old town on the peninsula exposed to the North, and the new town exposed to the South. The former boasts some important historical monuments such as:

- St. Sabinus Cathedral, begun in 1035 and left incomplete till 1171. The exterior preserves the fine original architecture (the dome and the bell tower are remarkable);
- the Basilica of St. Nicola (Saint Nicholas i.e., Santa Claus) was founded in 1087 in order to receive the relics of this saint which were brought from Myra in Lycia and now lie beneath the altar of the crypt. The church is one of the four Palatine churches of Apulia. The small church of St. Gregorio, dating back to the XI century as well, is adjacent;

– the Svevo Castle (Norman-Hohenstaufen Castle), built in 1132 by the founder of the Kingdom of Sicily, the Norman king Ruggero II, and reinforced in 1233.

TRANI - The town of the Romanesque cathedral + **CASTEL DEL MONTE** - The castle of Frederick II Tour by bus. Distance: 138 + 36 km



TRANI - Turenum of the ancient Roman, was later occupied by the Lombards and the Byzantines. First certain news of an urban settlement in Trani, however, trace back only to the 9th century and its most flourishing age was the 11th century.

Emperor Frederick II built a massive castle in Trani. Under his rule, in the early 13th century, the city reached its highest point of richness and prosperity. The main monument of Trani is the Cathedral, famous

over Italy, which was consecrated before its completion, in 1143. It is a basilica with three apses, built in the characteristic white local limestone. It has also a large crypt and a lofty tower, the latter erected in 1230-1239.

CASTEL DEL MONTE - Named a World Heritage Site by UNESCO in 1996, is a fortress with an octagonal prism



and octagonal bastion at each corner. Each wall has 8 rooms and an eight-sided courtyard occupies its centre. The octagon is thought to be an intermediate symbol between a square (representing the earth) and a circle (representing the sky). Frederick II may have been inspired to build to this shape by either the Dome of the Rock in Jerusalem, which he had seen whilst on Crusade, or by the Palace Chapel of Aachen Cathedral. It was completed in 1249 and was used primarily as a hunting lodge by Frederick until his death in 1250. It was later turned into a prison, used as a refuge during a plague, and finally fell into disrepair. It originally had marble walls and columns, but all were stripped by vandals.

POMPEI The life as 2000 years ago - UNESCO World Heritage site. Tour by bus. Distance: 250 km

POMPEI - Pompei is a unique witness of the everyday life of the past. The city has re-emerged from the darkness of centuries just as it would have been when it was unexpectedly buried in the eruption of Vesuvius. It was the year 79



A.D. Although the vastness of the tragedy was appalling, the thick layer of volcanic material which submerged Pompei has meant that the city has remained intact up to the present day, and provides an absolutely fascinating picture of “daily” life. The walls of the houses are covered with electoral propaganda messages or risqué jokes aimed at particular citizens. The signs on the shop doorways indicate the activity carried out there or the name of the owner. Alongside the elegant villas belonging to the nobility were the luxurious residences of the middle class, whereas modest houses such as the peasant dwellings are situated around vegetable gardens or small plots of land. On the edge of the city were the brothels. They were intended as places of pleasure for sailors and travellers passing through. In the narrow alleys, the

workshops and utility rooms provide further evidence of the daily routine performed by workmen and slaves as well as the women of the house. The houses still contain furniture, ornaments, gold and silverware, work tools, kitchenware, bronze and terracotta lamps, foodstuffs of all kinds, counters for serving drinks, grain mills and grindstones, workshops for manufacturing cloth, smithies and outlets selling groceries, fruit and vegetables.

There is a remarkable record of Roman painting, of which, without the finds made in Pompei, virtually nothing would be known.

The archaeological areas of Pompei, Herculaneum and Torre Annunziata were named a World Heritage Site by UNESCO in 1997.