



SAPIENZA
UNIVERSITÀ DI ROMA



VII MICHELANGELO WORKSHOP



RISKS & RESILIENCE in NETWORKS and GENDER INEQUALITIES

*Building bridges within the Mediterranean
among high-education experts and young engineers*

PROGRAM

June 26th - 30th 2019

Rome & L'Aquila (Italy)

*Participation of Italian, French, Greek, Spanish, Egyptian, Moroccan, Lebanese
Tunisian, Palestinian universities and based experts and doctoral students*



- Wednesday June 26th -

Sapienza University Campus
(Piazzale Aldo Moro, Rome - 12.00 Reception)

Welcome Addresses

A. D'Andrea (*Dean of Civil and Industrial Engineering Faculty, Sapienza university*)

M. Lombardi (*RMEI President, Sapienza university*)

1st Session:

History of Mediterranean civilizations, Solidarity networks

RMEI (Réseau Méditerranéen d'Ecoles d'Ingénieurs) & others... GAME (young Mediterranean ambassadors), HOMERe, Michelangelo Workshops

Responsible person: L. Vincent, professor at ECL & past RMEI President (France).

L. Vincent - *HOMERe balance & perspective*; M. Guarascio - *RMEI story & ideas for a book*; C. Di Benedetta (CMU); M. Di Donato (UNIMED – to be confirmed)

2nd Session:

Costumes of the old Mediterranean civilization,
Gender issue in the past

Responsible person: N. Abia, professor on textile engineering, University of Casablanca (Morocco)

Working group from Casablanca (Morocco): H. Jafri, I. Badoui, O. Laouadi, H. Ghouijdani - Interactive forum on Mediterranean costumes and gender in the past

- Thursday June 27th -

Sapienza university, Engineering Faculty
(San Pietro in Vincoli, Rome
- Computer classroom)



3rd Session:

Disaster Risk Reduction & Territorial Resilience of Communities
(via smartphone app)

**Part I - A Resilient Mediterranean Corridor,
Central Italy from coast to coast**

9.30am – 11.15am | Responsible person: M. Guarascio, Transport systems and safety civil protection engineering professor, Sapienza University (Rome)

*Working group from Italy: M. Cardarilli, E. Fiorelli, E. Cyriac, N. Fattori, B. Carboni et al. - **Field experiences and predictive modelling of earthquakes occurrence and effects (bridges, viaducts and cities) in Central Italy. How to improve territorial resilience?***

F. Chiocci (via Skype) and M. Pierdomenico (Sapienza University) – *The Unknown Resilience*

Interactive activity through questionnaire among participants. Facilities: classroom computer network and dedicated application on individual mobile devices (Apps)

Part II – Electric generator to bring back energy supply: solution for a post-earthquake resilient community (Accumoli small village, Amatrice, Italy)

11.45am – 1.00pm | Responsible person: L. Martirano Università elettrica supply systems professor Sapienza University (Rome).

*Working group: C. Abdelnour, G. Parise – **Smart cities & Resilient small communities***

**Part III – Disaster Risk Reduction & Gender inequalities
(TARGET project session)**

2.30pm – 3.30pm | Responsible person: A. Zabaniotou

*Working group from Greece: A. Pritsa, E. Kyriakou, C. Ketzitidis, N. Kalmoukidis - **Resilience and gender equality in case of wildfire in Attiki synergy with TARGET***

4.00pm – 5.30pm | Responsible person: M. Lombardi

Working group: A. Zabaniotou, F. Carroccia (to be confirmed), D. Guarascio, P. Rizzi, Simonazzi (to be confirmed), with the participation of M. Cardarilli, I. Medarhri et al.

4th Session: (restricted to the interested party)

**GAME “giovani ambasciatori mediterranei”(young Mediterranean ambassadors)
board election**



- Friday June 28th

Sapienza faculty of engineering
San Pietro in Vincoli – Computer classroom

5th Session:

Smart Mobility for Resilient Cities and Communities

9.00am - 9.30am. Opening remarks : R.-F. Bernard (Ecole des Mines of Paris, Conseil général de l'Economie, French Economics Ministry, EFEED Secretary General)

9.30am – 11.30am | Responsible person: J.-L. di Paola-Galloni (Ecole Normale Supérieure, Corporate VP, Sustainable Development and External Affairs, Valeo group France, Spain, Italy, Morocco, Tunisia, Egypt).

Valeo engineers and cultural mixity = contributing to embark Mediterranean young experts in the mobility of the future. (videos on resilient technologies towards smart mobility solutions)

12.00pm – 1.00pm | Responsible person: N. Viceconti, manager VGF (Italian utilities software SME)

VGS – GAME App, video analysis of roads and railways and video motion around Colosseum

6th Session:

Participatory contributions

2.30pm – 4.30pm | Responsible persons: GAME board & O. Boiron

- *WG from Rabat, Morocco, Ecole Nationale Supérieure des Mines* : O. Bakhtar, A. Abdssamad, El M. Ichou, Y. Ouhajjou - *Sustainable resource's preservation through technology and recycling;*
- *WG from Egypt, Cairo University:* Hebatallah Abdelmoaty, Sherine Elwattar, Ragy Mokhtar, Mohamed Abouelmaaty, Karim Mohamed, Omar Abdelfattah, Abd El-ghoul -
- *others*

7th Session:

Artistic contributions

Roman walk among Architecture, Art & Science (waiting for Sunday's Roman walk from Saint Peter in Chains to Saint Peter in Vatican)

M. Santarelli (restauration of monuments, prof in chemistry, Sapienza University)

Resilience in catastrophies ,Metaphores in the Coran, Bible and Machiavelli...cultural points of view

C. Abdelnour, H. Abdelmoaty & M. Guarascio

Photo contest & Video competition among participants

A. Serrani

Dinner & Theatrical performance (Sapienza, S Pietro in Vincoli location, historical cloyster)

- Saturday June 29th -

(From Rome early morning departure
by coach
90minutes trip each way)



L'Aquila (Abruzzo region, Italy)

8th Session:

Visit of the (restricted not open to the public) earthquake area

Responsible persons: P. Rizzi (Urban planification professor, University of L'Aquila), S. Giovinazzi (ENEA professor), L. Fiorini, S. Fontana (doctoral students from L' Aquila)

9th Session:

Disaster game simulation & competition among participants

Responsible persons: P. Rizzi, S. Giovinazzi, L. Fiorini, S. Fontana et al.

The day that will be spent in L'Aquila focuses on natural risks and will be divided into two parts: firstly, a guided tour of the building sites of the city's historic centre and, secondly, a gaming simulation based on seismic risk in L'Aquila. During the tour, the participants will be able to see a unique European example of a whole historic centre in which the reconstruction is undertaken using innovative techniques and equipment. The tour will be guided and presented by technical experts. After having lunch at the Roio Engineering Campus, the participants, divided into thematic teams (transportation and mobility, environment, public areas, services, housing), will take part in a gaming simulation session, and will have to come up, depending on their assigned roles, with a plan with different outcomes in the eventuality of a seismic event. The day will end with feedback from the experts

(coach trip back to Rome)

- **Sunday June 30th** -

Roman walk with headphones along
Architecture, Art & Nowadays Humanity (with qualified restauration specialists)...

...from Saint Peter in Chains (*San Pietro in Vincoli* close to *Sapienza* faculty)
to Saint Peter in Vatican



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