



ALGIERS SPRING SCHOOL | MAY 10 TO 19TH, 2016

FIRST CIRCULAR



THE Faculty of Earth Sciences, Geography and Country Planning
(FSTGAT/USTHB)

& THE RESEARCH CENTER IN ASTRONOMY,
ASTROPHYSICS AND GEOPHYSICS **(CRAAG)**

IN COLLABORATION WITH

THE Algerian Society of Geophysics **(SAG)**

THE YOUNG EARTH SCIENTISTS ALGERIA **(YESAlg)**

& THE LABORATORY OF IMAGE PROCESSING AND RADIANCE **(LTIR)**



Agence Thématique de Recherche
en Sciences et Technologie

LGEOPH

WITH THE SUPPORT OF
Maghreb-Eu Research Staff Exchange on Geodynamics, Geohazards and Applied
Geology in NorthWest Africa **(IRSES MEDYNA)**

& The United Nations **(UN)**

UNDER THE PATRONAGE OF

The Directorate general of Scientific Research
and of Technological Development **(DGRSDT)**

ORGANIZE THE:

MEDITERRANEAN SCHOOL ON MODELING & MULTI-SCALE IMAGERY
IN EARTH SCIENCES **(MoMIES) 2016**

INITIATIVE OF

Prof. M. Hamoudi & Prof. A. Bendaoud



RATIONALE

This initiative aims at training and introducing young researchers and PhD students to different methods of digital imaging analysis and modeling used in the Geosciences field. Observation and image analysis in the Geosciences covers a wide range of scales, ranging from the mineral- to the planet-scale. The school has multiple interests ranging from fundamental understanding of Earth mechanisms, to applications in the socio-economic sector with the exploration of solid and fluid mineral resources, their mapping and identification as well as modeling their genesis.

The school will take place at the FSTGAT/USTHB during 10 days from May 10 to 19th, 2016. This is an international event that is aimed at gathering young researchers and PhD students in Geosciences from Mediterranean universities across the region. The school will welcome up to 30 participants and acceptance shall be carried out following scientific selection procedures based on the quality of submitted abstracts. Data used during this school can be obtained from a SEM and/or acquired from different remote sensing platforms (ESA: ERS 1 &2, Envisat, ALOS). The training team is constituted of leading international scientists and across various fields including geology, geophysics and remote sensing. The lectures are mainly given in French, while some will be in English.



Cette initiative a pour but de former et initier des jeunes chercheurs et doctorants aux différentes techniques numériques d'imagerie et de modélisation en Géoscience. L'observation et l'analyse par imagerie couvre un large spectre avec des échelles caractéristiques allant du minéral au planétaire. L'intérêt de l'école est multiple allant du fondamental pour la compréhension de la machine Terre à l'application au secteur économique avec la prospection des ressources minérales solides et fluides, leur cartographie, leur identification ainsi que la modélisation de leur genèse.

L'école d'une durée de 10 jours, du 10 au 19 mai 2016, à vocation internationale, s'adresse à de jeunes chercheurs en géosciences ainsi qu'aux doctorants de l'ensemble des universités du bassin méditerranéen. La capacité d'accueil dans cette école est de 30 participants. Les acceptations s'effectueront selon les modalités de sélection scientifique sur la base de la qualité du résumé présenté. Les données exploitées peuvent être aussi bien provenant du MEB que celles fournies par les satellites.

L'équipe de formation est internationale et est constituée des meilleurs spécialistes dans les différents domaines de la géologie, de la géophysique et de la télédétection. Les cours sont essentiellement dispensés en Français, quelques unes sont en Anglais.



THEMES

01- Mathematical Methods in Geosciences

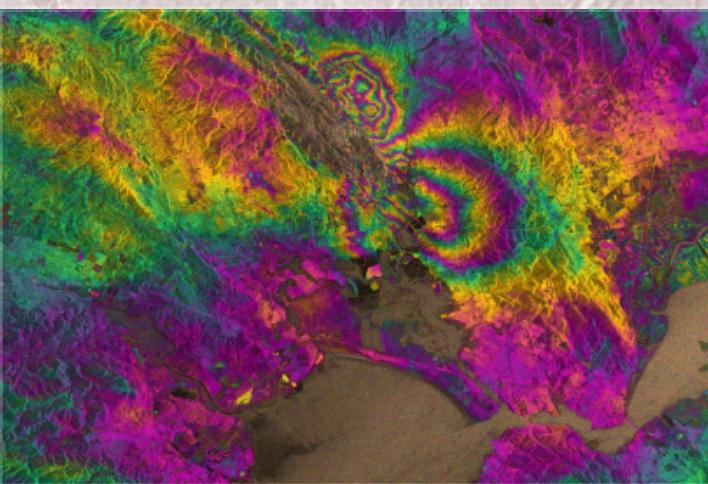
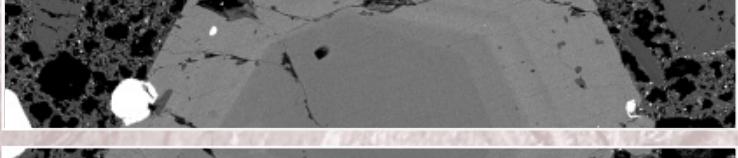
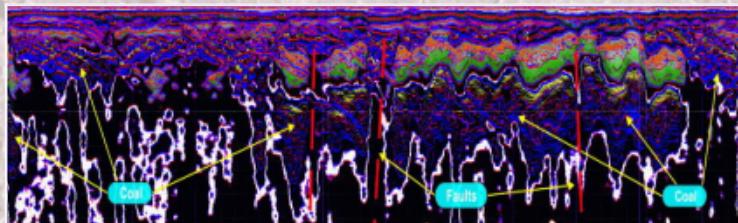
02- Geology of the Hoggar and the adjacent areas

03- Geoinformatics

04- Remote Sensing & Satellite Imagery

05- Geological Modeling (Thermodynamics, Geodynamics, etc)

06- Geophysical Modeling

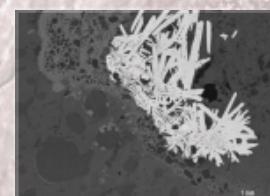


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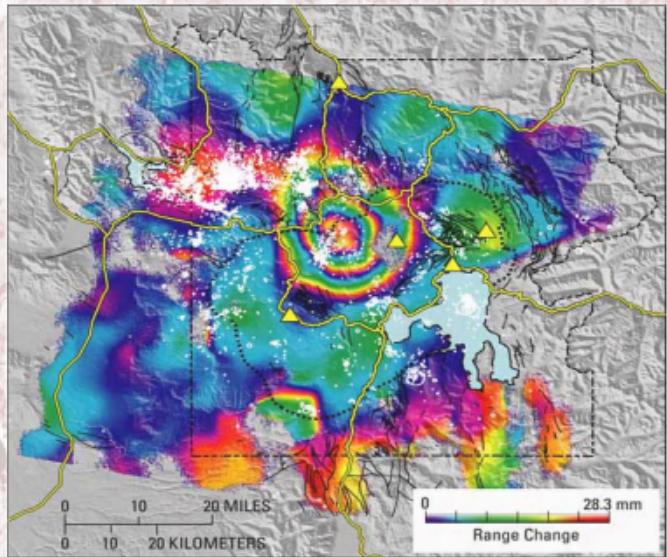
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Valette Bernard (France)
Vauchez Alain (France)



Provisional Program

- . Ten days of multidisciplinary courses
- . Three days of common courses
- . Seven days of specialized workshops
(Geology, Geophysics and Geoinformatics)
- . Poster technical sessions



IMPORTANT DATES

March 15th, 2016 | Registration deadline

Applications will be reviewed and an answer will be given before:

March 30th 2016 | Acceptance Notification

April 15th 2016 | Participation Confirmation

Each participant must complete and present a poster on his latest work.

FEES

Registration:

- . **200 €** for Researchers / R. Professors
- . **100 € (or equivalent)**
for national participants & PhD Students

CONTACT

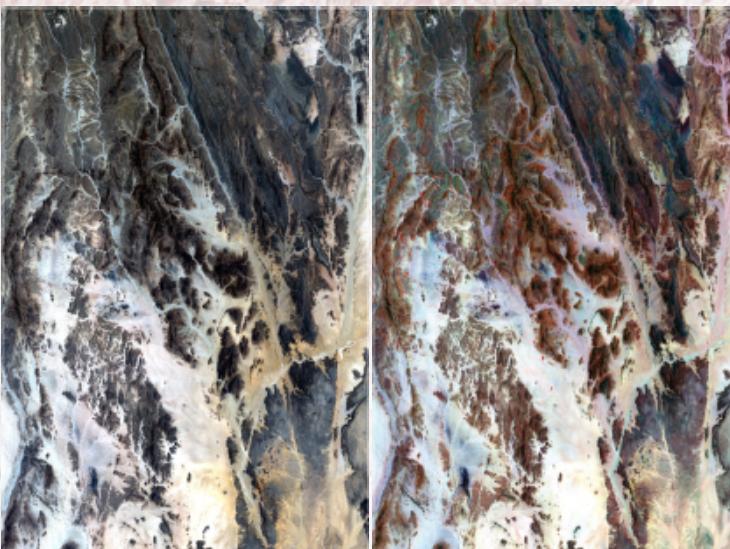
Please contact the MoMIES secretariat for registration, submission and information at:

Website: www.usthb.dz/IMMOG2016

Fax: +213 21 24 79 04

SECRETARIAT OF
THE MoMIES SPRING SCHOOL 2016
FACULTY OF EARTH SCIENCES, GEOGRAPHY AND COUNTRY PLANNING

BP 32 El Alia 16111, Bab Ezzouar 16111



REGISTRATION FORM

MEDITERANEAN SCHOOL ON MODELING & MULTI-SCALE IMAGERY IN EARTH SCIENCES (MoMIES) 2016

ALGIERS SPRING SCHOOL | MAY 10 TO 19TH, 2016

People wishing to participate in this spring school,
please fill out this form duly

and send it to the MoMIES secretariat before Mar. 15th, 2016

via: www.usthb.dz/IMMOG2016

or to: USTHB, FSTGAT, BP 32 El Alia 16111, Bab Ezzouar 16111

First name*:

Last name*:

Affiliation*:

Tel*:

Fax:

e-mail*:

Research Professor

Researcher

PhD student

Other:

Provisional topic/title:

Are you a YES-Network member?

*Mandatory

Yes

No

Requirements, special needs or health issues, let us know here: