

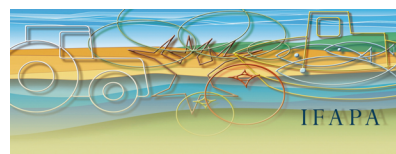


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c a r i p l o



ICRI

CNR Istituto di Cristallografia



ROMANCING THE STONE
SIZE-CONTROLLED HYDROXYAPATITES FOR SUSTAINABLE AGRICULTURE

HYPATIA 2ND ANNUAL MEETING
UNIVERSITY OF INSUBRIA, COMO, ITALY, MAY 21ST-23RD 2018

PROGRAM

Monday, May 21st 2018 (Palazzo Natta)

MORNING SESSION (9:30 – 13:00) – CLOSED SESSION (RESTRICTED TO PROJECT PARTNERS)

SESSION TITLE: HYPATIA AFTER ONE YEAR: SCIENTIFIC ASPECTS, FOCUS ON TASK 1

- 09:30 – 10:00 **PROJECT GOALS, STRUCTURE, TEAM AND TASKS**
Norberto Masciocchi (Uni-Insubria)
- 10.00 – 10:30 **A GENERAL OVERVIEW OF SCIENTIFIC ACTIONS AND PROGRESS**
Antonella Guagliardi (IC-CNR)
- 10:30 – 11:00 Coffee Break
- TASK 1 – PROGRESS IN SYNTHESIS OF ENAP AND SCALE-UP**
- 11:00– 11:15 *Josè M- Delgado Lopez (Uni-Granada)*
Overview of the work done at **Uni-Granada** and future plans
- 11:15– 11:45 *Gloria B. Ramírez Rodríguez (Uni-Granada)*
Presentation of Uni-Granada: Results on Synthesis and characterization of biomimetic **citrate-driven** N-doped urea-decorated EnAp
- 11:45– 12:00 *Norberto Masciocchi (Uni-Insubria)*
Overview of the work done at **Uni-Insubria** and future plans
- 12:00– 12:30 *Francisco J. Fernández Carmona (Uni-Insubria)*
Presentation of Uni-Insubria: Results on Synthesis, characterization and nutrient release of Nitrogen-doped EnAp
- 13:00 – 14:30: LUNCH

AFTERNOON SESSION (14:30 – 17:00) - CLOSED SESSION (RESTRICTED TO PROJECT PARTNERS)

SESSION TITLE: HYPATIA AFTER ONE YEAR: SCIENTIFIC ASPECTS, FOCUS ON TASK 2 AND TASK 3

- TASK 2 – PROGRESS IN ENAP CHARACTERIZATION BY SCATTERING TECHNIQUES**
- 14:30 – 14:45 *Antonella Guagliardi (IC-CNR)*
Overview of the work done @ **CNR** and future plans;
Synchrotron experiments and Characterization of EnAp through Wide Angle X-ray Total Scattering (WAXTS)

- 14:45 – 15:15 Gregorio Dal Sasso and Antonella Guagliardi (IC-CNR)
Presentation of CNR: Results on Characterization of EnAp by WAXTS
- 15:15 – 15:30 Fabio Ferri (Uni-Insubria)
 Overview of the work done @ **Uni-Insubria** by Light Scattering Experiments
- 15:30 – 16:00 Daniele Redoglio and Fabio Ferri (Uni-Insubria)
Presentation of Uni-Insubria: Results on LS experiments.
TASK 3 – PROGRESS ON IN PLANTA TESTS
- 16.00 – 16.15 Alejandro Pérez de Luque (IFAPA)
 Overview of the work done @ **IFAPA** and future plans
- 16.15 – 16.35 Cristina De Miguel Rojas (IFAPA)
Presentation of IFAPA: Preliminary Results on Wheat Tests @IFAPA
 Do nitrogen-doped hydroxyapatites work as nanofertilizers?
- 16.35 – 16.50 Teresa Garde-Cerdan and Eva Pilar Pérez-Alvarez (IVV, La Rioja)
Invited Presentation: Preliminary Results on Vine Tests @CSIC
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Tuesday, May 22nd 2018 (Palazzo Natta)

MORNING SESSION (10:30 – 13:00) -- CLOSED SESSION (RESTRICTED TO PROJECT PARTNERS)

SESSION TITLE: HYPATIA AFTER ONE YEAR: MANAGEMENT, DISSEMINATION, EXPLOITATION

- 09:30 – 10:00 **PROJECT MANAGEMENT AND STATUS**
Norberto Masciocchi (Uni-Insubria)
- 10:00 – 10:30 **DISSEMINATION PLAN: PROJECT IMPACT AND FUTURE ACTIVITIES**
Antonella Guagliardi (IC-CNR)
- 10:30 – 11:00 **EXPLOITATION: ACTIONS ON THE WAY AND FUTURE ACTIVITIES**
José M. Delgado López (Uni-Granada)
- 11:00 – 11:30 Coffee Break
- 11:30 – 12:50 **ROUND TABLE DISCUSSION AND FUTURE ACTIVITIES**
All partners (N. Masciocchi leader)
- 13:00 – 14:30: LUNCH

AFTERNOON SESSION (14:30 – 17:00) OPEN SESSION

- 14:30 – 16:00 **SCIENTIFIC PRESENTATION
 TO PHD STUDENTS IN CHEMICAL AND ENVIRONMENTAL SCIENCES
 Nanotechnology in agriculture: from the synchrotron to the field**
Alejandro Pérez de Luque (IFAPA)
- 16:00 – 17:00 **HYPATIA TEAM MEETS LOCAL MEDIA**
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Wednesday, May 23rd 2018 (Campus Valleggio)

MORNING SESSION (10:00 – 13:00)

- 10:00 – 13:00: **GUIDED VISIT TO To.SCA.LAB**
Antonella Guagliardi, Fabio Ferri and Norberto Masciocchi
- 13:00 – 14:30: **FAREWELL LUNCH**