

Fiorenzo Mazzi, pioniere della Cristallografia Italiana

Pavia, 14 giugno 2019

Università centrale, Aula di Disegno

9.30 – 10.15: Apertura della giornata.

Introduce **M. C. Domeneghetti**, intervengono **D.G. Gatta** e **P. Cappelletti**, Presidenti di AIC e SIMP

10.15 – 12.00: Ricordi di F. Mazzi

10.15-11.00	V. Tazzoli, E. Cannillo, R. Oberti
11.00-11.30	P. Zanazzi, S. Menchetti, A. Dal Negro
11.30-11.45	A. Alberti
11.45-12.00	C. Giacobazzo

12.00 – 12.30: Nuove strategie per la Cristallografia

12.00-12.15	M. Bolognesi : Biologia Strutturale 2020
12.15-12.30	M. Alvaro : Mineralogia Sperimentale 2020

12.30: Dedicazione del Laboratorio Raggi X - MicroRaman a Fiorenzo Mazzi

12.45: Pranzo nel Cortile Sforzesco

14.00: Seduta pomeridiana: Giovani Cristallografi Italiani

- 14.00-14.15 **D. Belmonte** (Uni Genova). Computational mineralogy: from atomic to global-scale processes
- 14.15-14.30 **A. Zucchini** (Uni Perugia). Order and stability in dolomite: experimental and theoretical study
- 14.30-14.45 **M. Pamato** (Uni Padova). Elastic properties of iron alloys: testing the composition of the Earth's inner core
- 14.45-15.00 **F. Miozzi** (Uni Pierre Marie Curie, Parigi). Characterization of the Fe-Si-C system at extreme conditions and its application to carbon-rich exoplanets interior
- 15.00-15.15 **C. Stangarone** (German Aerospace Center, DLR). Shock impacts in minerals: when ab initio tools shed light on zircon polymorphism
- 15.15-15.30 **M. Ardit** (Uni Ferrara). Some applications of mineralogy - the deep relationship between Earth Science and Materials Science
- 15.30-16.00 **Coffee break nel Cortile Sforzesco**
- 16.00-16.15 **E. Rodeghero** (Uni Ferrara). The contribution of crystallography to environmental issues: some case studies of zeolite structural characterization after pollutants adsorption
- 16.15-16.30 **R. Fantini** (Uni MoRe). High temperature behavior of zeolites: new data on FER and MOR topologies from in-situ LS XRPD experiments
- 16.30-16.45 **C. Biagioni** (Uni Pisa). Mineralogical crystallography and new mineral species from Italian localities
- 16.45-17.00 **A. Pacella** (Uni Roma). Surface reactivity of amphibole asbestos: the influence of crystal chemistry and surface area
- 17.00-17.15 **A. Croce** (Uni Piemonte Orientale). Characterization of fibrous mineral phases and particles in natural and biological samples by micro-Raman spectroscopy and VP-SEM/EDS