TITLE

DEBUSSY: *DEBYE FUNCTION ANALYSIS* of Nanocrystalline, Defective and Non-Periodic Materials by X-RAY, Neutron

STAFF

Antonietta Guagliardi
[*] Personale non strutturato: Federica Trudu

CNR MODULE

Commessa: PM.P04.011 / Diffrazione e imaging a raggi x per l'ingegneria di materiali nanostrutturati e f
Modulo: PM.P04.011.001 / Sviluppo di metodi e caratterizzazione di materiali cristallini alla nano, micro

KEYWORDS

Computational Modelling, Free Software, Powder Diffraction, Total Scattering Methods, Debye Function

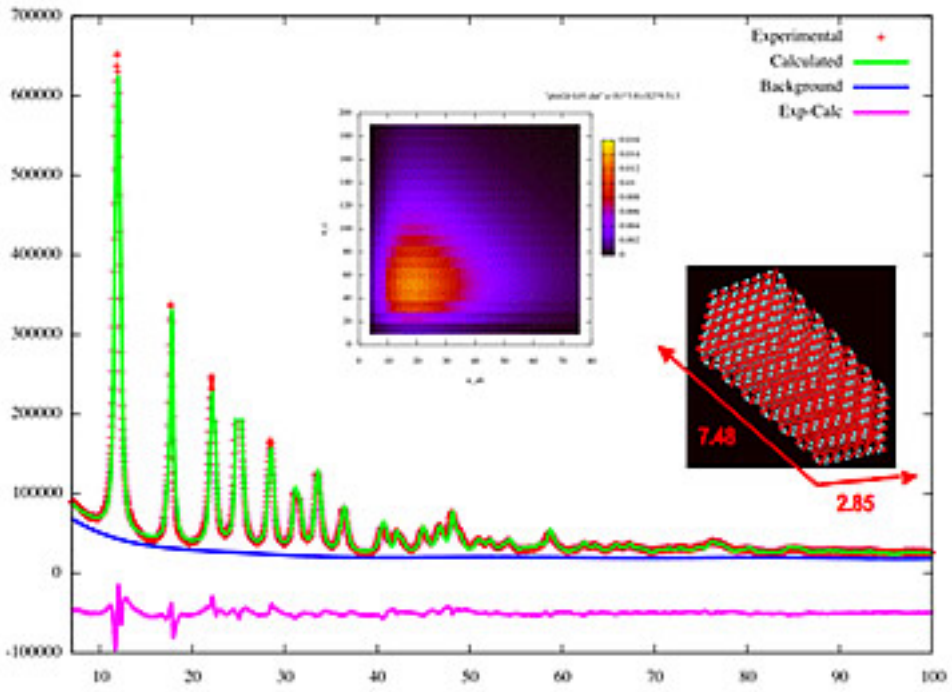
COLLABORATIONS

Synchrotron Light Source (SLS) & Paul Scherrer Institute (PSI), Switzerland
University of Insubria, Italy
University of Erlangen, Germany

DESCRIPTION

Debussy stands for ***Deb*** *ye* ***us*** *s* ***y***. The Debussy beta version is available for Linux and Mac OS X platforms and allows for structu

Work is in progress to include **stacking faults**, **texture** and



Debussy analysis of TiO2 Nanoparticles: best fit, bivariate lognormal size distribution and atomistic mod

CONTACTS

Guagliardi Antonietta
Email : antonietta.guagliardiATic.cnr.it
Tel : +39 031-2386636