

AFRICAN RIETVELD SCHOOL

3rd Edition

ARS26



Advanced Training Sessions and Scientific Presentations



6–8 October, 2026



IGHLI amphitheater, UM6P Campus-Benguerir



For more information

ars.um6p.maARS.LIMSET@um6p.ma

LIMSET-UM6P

Day 1: Tuesday, 6 October



8:30 – 9:00

Registration and Icebreaker



12:30 – 14:30

Lunch Break



9:00 – 9:30

Opening Ceremony & Partner Introductions

Pr. Abdessamad FAIK, Chairman of ARS26 and Director of LIMSET-UM6P

Mr. Samir RACHIDI, General Director of IRESEN

Mr. Ali SQALLI, General Director of SCOMEDICA

9:30 – 10:15

Rietveld Refinements: A Key Tool for Structural Analysis

Pr. Abdessamad FAIK, Chairman of ARS26 and Director of LIMSET-UM6P



14:30 – 16:00

Fourier Methods: Mixing Rietveld refinement and Fourier synthesis

Prof. Juan RODRÍGUEZ-CARVAJAL, ILL, France

Moderators:

Prof. Zakaria CHCHIYIA, LIMSET-UM6P

Mr. Dalitso MWANZA



16:00 – 16:30

Coffee Break /Posters session



16:30 – 18:30

Introduction to Simulated Annealing (SAnn)

Prof. Juan RODRÍGUEZ-CARVAJAL, ILL, France

Moderators:

Prof. M'hamed OUBLA, UM5-Rabat

Dr. Hayat HAOUAS



10:15 – 10:45

Coffee Break /Posters session



10:45 – 12:30

Introduction to the FullProf Suite and Rietveld Refinement

Prof. Juan RODRÍGUEZ-CARVAJAL, ILL, France

Moderators:

Dr.Asmaa AKHROUF , LIMSET-UM6P

Mr.Macmillan CHANDA,, LIMSET-UM6P



19:00 – 20:30

**Team Building activity-
Student center**

Day 2: Wednesday, 7 October



9:00 – 10:30

Solving Crystal Structures of Molecular Compounds using Simulated Annealing: Constraints and Restraints, Rigid bodies in FullProf

Prof. Juan RODRÍGUEZ-CARVAJAL, ILL, France

Moderators:

Dr. Asmaa AKHROUF, LIMSET-UM6P

Mr. Macmillan CHANDA, LIMSET-UM6P



10:30 – 11:00

Coffee Break /Posters session



11:00 – 12:30

Microstructure, Size and strain effects. Practical Demonstrations

Prof. Juan RODRÍGUEZ-CARVAJAL, ILL, France

Moderators:

Prof. Zakaria CHCHIYIA, LIMSET-UM6P

Mr. Dalitso MWANZA



12:30 – 14:30

Lunch Break



14:30 – 15:30

Oral Presentations



15:30 – 16:30

Coffee Break /Posters session



16:30 – 18:30

Rietveld refinement of multiphase systems: Introduction to the Automatic Rietveld Refinement with FullProfAPP

Prof. Juan RODRÍGUEZ-CARVAJAL, ILL, France

Moderators:

Prof. M'hamed OUBLA, UM5-Rabat

Dr. Hayat HAOUAS



19:00 – 20:30

Team Building activity – UM6P Bowling

Day 3: Thursday, 8 October



9:00 – 10:30

Practical Exercises and Tutorials

Prof. Juan RODRÍGUEZ-CARVAJAL, ILL, France

Moderators:

Dr. Asmaa AKHROUF, LIMSET-UM6P

Mr. Macmillan CHANDA, LIMSET-UM6P



10:30 – 11:00

Coffee Break / Posters session



11:00 – 12:30

Practical Exercises and Tutorials

Prof. Juan RODRÍGUEZ-CARVAJAL, ILL, France

Moderators:

Prof. Zakaria CHCHIYIA, LIMSET-UM6P

Mr. Dalitso MWANZA



12:30 – 14:30

Lunch Break



14:30 – 15:15

Closing remarks and Awarding

Pr. Abdessamad FAIK, Chairman of ARS26
and Director of LIMSET-UM6P



15:15 – 15:30

Coffee Break



15:30 – 16:30

Visit to LIMSET Laboratories

“The important thing in science is not so much to obtain new facts as to discover new ways of thinking about them.”

Sir William Lawrence Bragg