

February 26th - March 3rd, 2024
Ouro Preto - Minas Gerais - Brazil



3rd Workshop on BioNMR



AUREMN, with the support of CEBEM and Federal University of Ouro Preto (UFOP), is organizing the 3rd Workshop on BioNMR from 26th February to 3rd March, 2024

Information, Program and Registration please visit
<https://bionmrworkshop.wixsite.com/bionmr-ouro-preto>

Fundamentals of NMR, Pulse Sequences, Nuclear Spin Relaxation,
Residual Dipolar Coupling, and Protein Structure and Dynamics.

Theoretical-practical classes:

Product operator formalism

Measurements of 3D triple resonance experiments for
protein assignments

Relaxation dispersion and CEST (quantifying conformational
equilibrium)

Relaxation parameters and protein dynamics

TROSY-based experiments for large proteins

Computational treatment of the experimental data

Fragment Screening

Methyl based and ^{19}F NMR for large proteins

Conformational Entropy

Instructors

Art Palmer

Christian Griesinger

Clemens Anklin

Haribabu Arthanari

Michael Nilges

Frank Delaglio

Diana Capdevila

Harald Schawalbe

Roberta Pierattelli