



[FrAM-03] Analytical Raman Techniques / Instrumentations-11

Date / Time Aug. 31 (Fri.), 2018 / 09:00-11:00

Place Halla B (Room B)

[FrAM-03-K-1] (Keynote)

09:00-09:30

Raman Optical Activity for Structural Analysis of Proteins

Shigeki Yamamoto

Osaka University, Japan

[FrAM-03-I-2] (Invited)

09:30-09:50

Raman Optical Activity (ROA): A Sensitive Probe of Higher Order Structure and Stability of Biopharmaceuticals

Laurence A. Nafie^{1,2} and Rina K. Dukor²

¹Syracuse University, USA, ²BioTools, Inc., USA

[FrAM-03-I-3] (Invited)

09:50-10:10

Signal Enhancement, Chirality Induction and Molecular Specificity in Resonance ROA

Grzegorz Zając, Monika Dudek, Ewa Machalska, Anna Gruca, Małgorzata Baranska, and Agnieszka Kaczor

Jagiellonian University, Poland

[FrAM-03-O-4]

10:10-10:25

Intramolecular Enantiomerism as Revealed from the Intensity of Raman Optical Activity(ROA) Spectrum

Peijie Wang

Capital Normal University, China

[FrAM-03-O-5]

10:25:10:40

Quantitative Measurements of Aqueous Boric acid Speciation up to Hydrothermal Conditions Using Polarized Raman Spectroscopy

S. Sasidharanpillai, J. S. Cox and P. R. Tremaine

University of Guelph, Canada