

[ID-8. Three-dimensional reconstructions](#)

10 September, 16:45 - 18:45 / 11 September, 16:30 - 18:30

ID-8-P-1641

RX-TomoJ : Multimodal hard x-ray scanning tomographic software

Presenting author: **Bergamaschi A.**

Authors: Bergamaschi A., Messaoudi C., Somogyi A., Medjoubi K., Marco S.,

ID-8-P-2210

EFTEM-TomoJ : software for 3D chemical mapping by EFTEM and soft X-ray NEXAFS tomography

Presenting author: **Marco S.**

Authors: Messaoudi C., Aschman N., Cunha M., Oikawa T., Sorzano C. O., Conesa J. J., Chiappi M., Pereiro E., Chichón F. J., Carrascosa J. L., Marco S.

ID-8-P-2436

Use of optic microscopy in the prediction of the rheological properties of pharmaceutical's granulates.

Presenting author: **Da Silva C. F.**

Authors: Amado J. R., Escalona-Arranz J. C., Da Silva C. F., Prada A. L.

ID-8-P-2580

The Incoherent Image for Single Particle Reconstruction

Presenting author: **Tsai C. Y.**

Authors: Tsai C. Y., Chang Y. C., Van Dyck D., Chen F. R.

ID-8-P-2823

Three-dimensional animated reconstruction in the study of actin cytoskeleton rearrangement in the amoebae of the genus Entamoeba (E. histolytica and E. dispar) by laser scanning microscopy

Presenting author: **Talamás-Lara D.**

Authors: Talamás-Lara D., González-Robles A., Chávez-Munguía B., Salazar-Villatoro L., Talamás-Rohana P., Martínez-Palomo A.

ID-8-P-3228

Algorithm for extraction of diffracting objects' PSF from z-stack of bright-field microscopy images of living cells

Presenting author: **Rychtarikova R.**

Authors: Rychtarikova R., Stys D.

ID-8-P-5749

3D atomic tomography from HRTEM –CeO₂

Presenting author: **Chen L. G.**

Authors: Chen L. G., Kirkland A. I., Van Dyck D., Chen F. R.

ID-8-P-5863

Improving temporal resolution of 3D localization microscopy using sparse support recovery

Presenting author: **Ovesný M.**

Authors: Ovesný M., Křížek P., Švindrych Z., Hagen G. M.

ID-8-P-5876

Immersive visualisation of three-dimensional microscopy images using Oculus Rift headsets and the Unity3D game engine

Presenting author: **Stephenson L. T.**

Authors: Stephenson L. T., Ceguerra A. V., Demont R., Foley M., Ringer S. P.

ID-8-P-5965

Delivery system, based on Internal Self-Assembled nano-structures

Presenting author: **Demurtas D.**

Authors: Demurtas D., Guichard P., Hebert C., Sagalowicz L.

ID-8-P-5990

Progress in development of Eos/PIONE for distributed image analysis system of electron microscographs

Presenting author: **Yasuanga T.**

Authors: Yasuanga T., Ushijima M., Yamaguchi K., Watano S., Tsukamoto T., Iwasaki A., Tsuruta T.

ID-8-P-6053

Three-dimensional electron diffraction of cyclic twinned nanowires

Presenting author: **Fu X.**

Authors: Fu X., Yuan J.