

[IT-8. Ultrafast microscopies](#)

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

IT-8-P-1428

Analysis of image distortion on projection electron microscope image

Presenting author: **Iida S.**

Authors: Iida S., Hirano R., Amano T., Terasawa T., Watanabe H., Murakami T.

IT-8-P-1696

New Operation Modes with the direct detecting pnCCD-camera in Transmission Electron Microscopy

Presenting author: **Simson M.**

Authors: Simson M., Hartmann R., Huth M., Ihle S., Müller K., Rosenauer A., Ryll H., Schmidt J., Soltau H., Strüder L.

IT-8-P-1895

Design of the novel flange-on high lateral and energy resolution ultrashort electron pulse compression system for ultrafast microscopy

Presenting author: **Grzelakowski K. P.**

Authors: Grzelakowski K. P.

IT-8-P-2148

Sub-picosecond electron beam and femtosecond optical pump system in spin-polarized TEM

Presenting author: **Kuwahara M.**

Authors: Kuwahara M., Nambo Y., Saitoh K., Ujihara T., Asano H., Takeda Y., Tanaka N.

IT-8-P-2668

Ultrafast measurement in spin-polarized pulse TEM

Presenting author: **Nambo Y.**

Authors: Nambo Y., Kuwahara M., Kusunoki S., Sameshima K., Saitoh K., Ujihara T., Asano H., Takeda Y., Tanaka N.

IT-8-P-2678

Implementing in situ experiments in liquids in the(scanning) transmission electron microscope and dynamic TEM

Presenting author: **Abellan P.**

Authors: Abellan P., Woehl T. J., Russell G. T., Schroeder W. A., Evans J. E., Browning N. D.

IT-8-P-3023

SPIM-Fluid: High-throughput platform based on Light-Sheet Microscopy

Presenting author: **Gualda E. J.**

Authors: Gualda E. J., Pereira H., Pinto C., Simão D., Brito C.,

IT-8-P-3340

In-Situ Lorentz Microscopy with Femtosecond Optical Illumination

Presenting author: **Schäfer S.**

Authors: Gatzmann J., Eggebrecht T., Feist A., Zbarsky V., Münzenberg M., Ropers C., Schäfer S.

IT-8-P-6038

Towards RF photo injector based dynamic transmission electron microscopy with REGAE

Presenting author: **Manz S.**

Authors: Manz S., Casandru A., Keskin S., Zhang D. F., Bayesteh S., Hirscht J., Felber M., Gehrke T., Loch R. A., Marx A., Delsim-Hashemi H., Schlarb H., Hoffmann M., Hada M., Epp S. W., Floettmann K., Miller R. J.,

IT-8-P-6048

Ultrafast transmission electron microscopy with nanoscopic electron sources

Presenting author: **Feist A.**

Authors: Feist A., Bormann R., Schauss J., Gatzmann J. G., Rubiano da Silva N., Strauch S., Schäfer S., Ropers C.