

Excitonic Bloch equation approach to ultrafast optical nonlinearities and X-ray scattering in 2D semiconductors

Henry Mittenzwey¹, Joris Sturm¹, Andrei Benediktovich², Nina Rohringer², Andreas Knorr¹

¹Technische Universität Berlin, Berlin, Germany. ²Center for Free-Electron Laser Science CFEL, Deutsches Elektronen-Synchrotron DESY, Hamburg, Germany