

Report on 2018 Excellence in Electron Microcopy Award

Mariia V. Goriacheva¹, Xiaoqing He², Tommi A. White², Yangchuan Xing¹. Controlled Growth of CsPbBr₃ Perovskite Nanocrystals

¹Department of Chemical Engineering, University of Missouri – Columbia

²Electron Microscopy Core, University of Missouri - Columbia

As a part of 2018 EM Excellence Award (extension to 2017 EM Excellence Award) the following objectives were accomplished:

1. The obtained data was finalized and submitted in a manuscript titled ‘Significantly Enhanced Emission Stability of CsPbBr₃ Nanocrystals via Chemically Induced Fusion Growth’ to Nano Letters. Authors list: Maria V. Morrell, Xiaoqing He, Guangfu Luo, Arashdeep S. Thind, Tommi A. White, Jordan A. Hachtel, Albina Y. Borisevich, Juan-Carlos Idrobo, Rohan Mishra, Yangchuan Xing.
2. Mariia Goriacheva has completed training on FEI Tecnai F30 Transmission Electron Microscope and became an independent user.