

## **2022 Ceramographic Exhibit**

### **Roland B. Snow Award for Best in Show**

“Heart of Chromium”

Roei Broneschter and Wayne D. Kaplan; Technion Israel Institute of Technology

### **Scanning Electron Microscopy category**

First place: “Finding Dory MXene”

by Nithin Chandran B S, Anupma Thakur, Babak Anasori; Indiana University-Purdue University

Second place: “Dandelion Meadow”

by Stepan Vorotilo, Kseniia Vorotilo; Drexel Nanomaterials Institute

Third place: “Rare Earth Oxide Cornflakes”

by Christian Stern, Doris Sebold, Martin Bram, Olivier Guillon; Forschungszentrum Juelich GmbH

### **Transmission Electron Microscopy category**

First place: “Waterfall hidden in deep mountain”

by Bo Yang, Haiyan Wang, Xinghang Zhang; Purdue University

Second place: “Nano Cake & Goldberries”

by Jianan Shen, James P. Barnard, Haiyan Wang; Purdue University

Third place: “A Buried Gem”

by Chao Shen, Anyu Shang, Haiyan Wang, Xinghang Zhang; Purdue University

## **Optical Microscopy category**

First place: “Strontium Titanate Mustang”

by Hudson Shih, Yayoi Takamura, Seung SaeHong; University of California, Davis

Second place: “Polycrystal SrTiO<sub>3</sub> Galaxy”

By Chukwudalu Okafor, Jürgen Rödel, Xufei Fang; Technical University of Darmstadt, Germany

Third place: “Great White Heron ‘spotted’ on CaF<sub>2</sub>”

by Alexander Frisch, Jürgen Rödel, and Xufei Fang; Technical University of Darmstadt, Germany

## **Undergraduate Student Contributions**

First place: “Heart of Chromium”

Roei Broneschter and Wayne D. Kaplan; Technion Israel Institute of Technology

## **Scanning Probe Category**

First place: “Nanoparticle growth in a twisted relationship”

by M.L. Weber, C. Lenser, O. Guillon, F. Gunkel; Forschungszentrum Jülich GmbH & Lawrence Berkeley National Laboratory