

Research Scientists of the Birck Nanotechnology Center



Rosa Diaz Rivas – Electron Microscopy Staff Scientist
Expert in: Aberration-corrected S/TEM, HREELS, in-situ TEM
Ph.D., MSE, Arizona State U. (2010); Brookhaven Labs; OIST U.
rdiazri@purdue.edu ; Ph. x61075 ; Ofc. BRK 1272

Neil Dilley – Research Scientist
Expert in: magnetic measurements, cryogenics, outreach
Ph.D., Physics, UC San Diego (1999); Quantum Design, Inc.
ndilley@purdue.edu ; Ph. x66080 ; Ofc. BRK 1010



Nick Glassmaker – Research Scientist
Expert in: roll to roll, polymer processing, mechanical testing
Ph.D., ME, Cornell (2004); DuPont
nglassma@purdue.edu ; Ph. x44312 ; Ofc. BRK 1010

Alexei Lagoutchev – Senior Research Scientist
Expert in: lasers and almost anything optical
PhD, Physics/Math (1993), Inst. Gen. Physics, Russia; Taiwan
lagutch@purdue.edu, Ph. x6539; Ofc. BRK 1276



Ye Mi – Research Scientist
Expert in: R2R characterization, tomography, two-phase flow
Ph.D., Nuclear Eng., Purdue (1998); En'Urga, Inc.
yemi@purdue.edu; Ph. x68253; Ofc. BRK 1019

Charilaos (Harris) Mousoulis -- Senior Research Scientist
Expert in: BioMEMS, integrated sensor design, IoT systems
Ph.D., ECE, Purdue (2012);
cmousoul@purdue.edu ; Ph. x49938; Ofc. BRK 1268



Nithin Raghunathan – Research Scientist
Expert in: MEMS, wireless devices, electrical characterization
Ph.D., ECE, Purdue (2014);
nithin@purdue.edu; Ph. x67326; Ofc. BRK 2038

Dmitry Zemlyanov - Senior Research Scientist
Expert in: Surface Science
Ph.D., Physics/Math, Novosibirsk State Univ. (1995);
dzemlian@purdue.edu ; Ph. x62457; Ofc. BRK 1274

