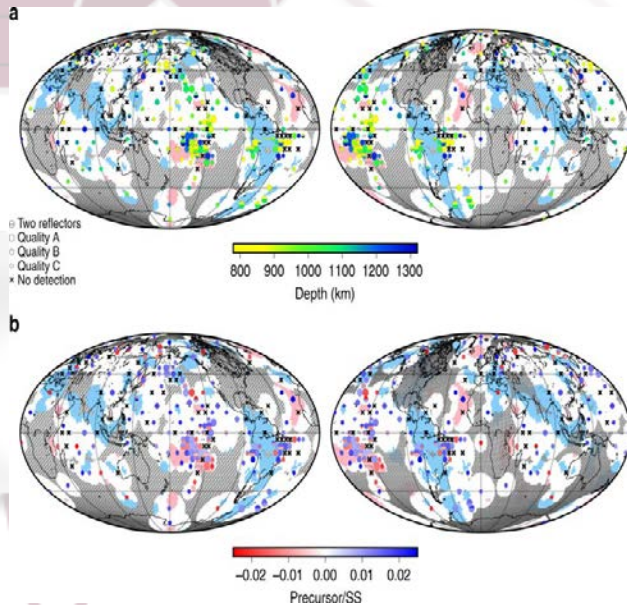


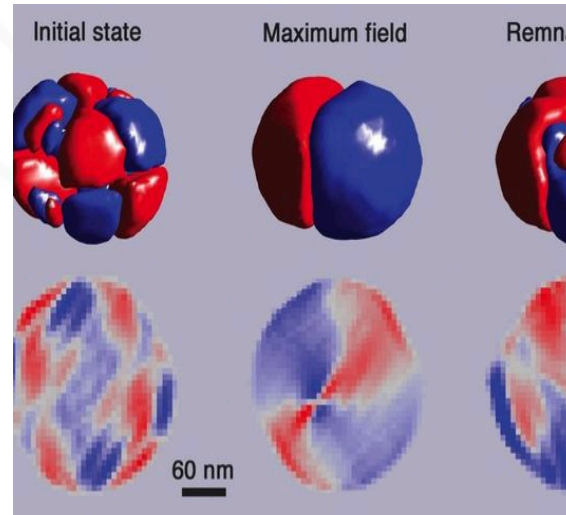
Heinz Nakotte

Interim Department Head and Professor

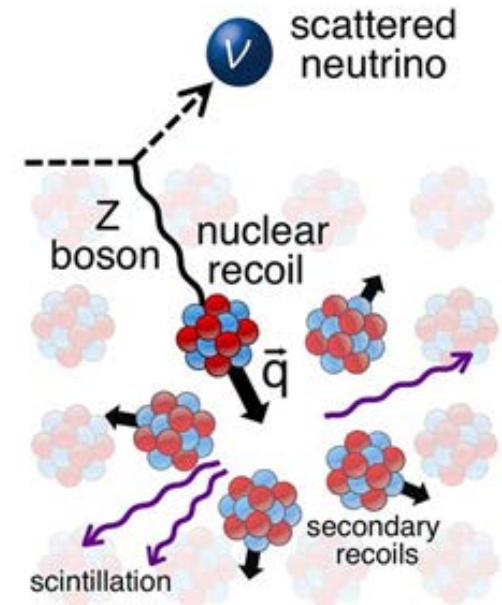
Welcome and Charge to EPEAB



Waszek et al.,
Nature Comm.



Karpov, Fohtung et al.,
Nature Comm.



Akimov, Cooper et al.,
Science

2019 EPEAB Members

Steven Castillo, Sandia National Labs, Albuquerque, NM

Candi Cook, Intel, Hillsboro, OR

Laura Dominik, Honeywell, Minneapolis, MN

Jon Haas, NASA, White Sands Test Facility, Las Cruces, NM

Alan Lovell, Air Force Research Laboratory (RV), Albuquerque, NM

T. Nathan Nunley, University of Texas at Austin, Austin, TX

David Probst, Southeast Missouri State University, Cape Girardeau, MO

Kurt Schoenberg, Los Alamos National Laboratory, Los Alamos, NM

Katayani Seal, Quantum Design, Knoxville, TN

Michael Stroschio, University of Illinois at Chicago, Chicago, IL

Travis Willett-Gies, ATA Aerospace, Albuquerque, NM

EPEAB Tasks

The EPEAB has the following standing tasks and is expected to:

- provide feedback to all aspects of the EP program,
- review current policies and procedures within the program
- identify potential areas of concerns
- evaluate whether EP achieves its Program Educational Objectives (PEOs)
- provide a written report that includes suggestions for improvement for distribution to the program and the deans (final report due in early fall)

Addressing one of the weaknesses identified by ABET-EAC, the 2019 EPEAB is also tasked to:

- *review the current PEOs for EP,*
- *check list of program constituents and ability for input to the PEOs*
- *provide written feedback to those additional tasks by the end of this EPEAB meeting*

Engineering Physics (EP) program at New Mexico State University

Our Mission

The mission of Engineering Physics at New Mexico State University is to offer an accredited degree that combines high-quality engineering and physics programs to best prepare our graduating students for careers in state-of-the-art industry or to move on to advanced study in engineering or physics.

Program Educational Objectives

EP Objective 1: Competitiveness. Graduates are competitive in internationally-recognized academic, government and industrial environments;

EP Objective 2: Adaptability. Graduates exhibit success in solving complex technical problems in a broad range of disciplines subject to quality engineering processes;

EP Objective 3: Teamwork and Leadership. Graduates have a proven ability to function as part of and/or lead interdisciplinary teams.

Draft Agenda

Friday, April 12

8:00-9:00 *Breakfast and Welcome*

9:00-10:00 Program Overview and ABET Feedback
(H. Nakotte)

10:00-10:15 *Coffee break*

10:15-11:00 Program Constituencies and Program
Educational Objectives (Discussion Leader:
M. DeAntonio)

11:00-11:30 Recruitment, Retention & Website (J.
Urquidi, E. Fernandez)

11:30-11:45 Discussion with Staff (R. Christensen, M.
Chavez, F. Carreto-Parra)

11:45-noon Society of Engineering Physics Chapter
Officers

noon-14:00 Sandwich Lunch with Students

14:00-14:30 Meeting with CoE Deans

14:30-15:00 *Executive Session and/or Break*

15:00-15:30 Meeting with A&S Deans

15:30-16:00 *Executive Session and/or Break*

16:00-17:00: Support Units – ME/AE, ChME and EE
(F. Shu, M. Zhou, S. Stochaj)

17:00-18:00 *Executive Session*

18:00-? *Physics GALA, Ramada Palms Hotel
(Brazito & Promenade Ballrooms)*

Saturday, April 13

8:30-9:00 *Breakfast and Discussions*

9:00-9:30 Upcoming ABET Program Outcomes
Changes (Discussion Leader: M.
DeAntonio)

9:30-10:00 Curriculum Changes starting in AY
2019/2020 (I. Vasiliev)

10:00-10:30 First Experiences with the Engineering-
Wide Capstone (tbd)

10:30-10:45 *Coffee break*

10:45-12:00 Executive session & Writing of Draft
Report (closed)

12:00-13:00 Lunch and Wrap-Up (H. Nakotte)

13:00 *Adjourn*