

NURail Affiliate University Program

Pasi Lautala, Michigan Technological University

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Altoona, PA
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Background

- Growing demand for rail transportation education and research requires a growing academic capacity in the U.S.
- NURail members well-positioned to facilitate the engagement.

“As part of our efforts to broaden the NURail Center’s impact, we will create a NURail Affiliates program involving faculty from other colleges and universities.”

- Participation in Annual Meeting, workshops, seminars and conferences
- Visits to campuses
- In-person meetings, teleconferences and webinars.

Current Affiliates

University	Lead
University of Nevada – Las Vegas	Hualiang (Harry) Teng
Colorado State University – Pueblo	Jane M Fraser
University of Maryland	Paul Schonfelt
University of Wisconsin – Madison	Dave Peterson
Oregon State University	Kate Hunter-Zaworski
University of Kansas	Robert Parsons
University of South Carolina	Dimitris Rizos

Current Affiliates....continued

University	Lead
University of British Columbia	Gordon Lovegrove
Penn State – Altoona	Steve Dillon
North Dakota State University	Denver Tolliver
Virginia Tech	Mehdi Ahmadian
Villanova University	Leslie McCarthy
University of Manitoba	Jonathan Regehr
University of Massachusetts – Amherst	Carlton Ho
University of Dayton	Michael Gorman

Program Structure

- No artificial membership limits
- Annual membership criteria
- Developed by-laws
- Leadership rotation
 - Chair: Dr. Dimitris Rizos, Univ. of South Carolina
 - Vice Chair: Dr. Gordon Lovergrove, Univ. of British Columbia

Activities and Prioritization

- Network development - Contact matrix (academic & industry)
- Affiliates web page
- Education
 - Course inventory
 - Inventory of graduates / resume book
 - REES 2014 participation
- Research
 - Railway research resource inventory (specialized lab equipment, software and capability)
 - Inventory of research projects by the Universities
 - Participation in Strategic Development Plans (SDP).

Affiliate Presentations

- Dr. Dimitris Rizos, Univ. of South Carolina
- Dr. Hai Huang, Penn State Altoona
- Dr. Denver Tolliver, North Dakota State Univ.
- Dr. Leslie McCarthy, Villanova University

Discussion Topics

- Visibility (Internal & External)
 - NURail web site
 - Rail “not on the radar”
- Resources
 - Educational materials
 - Seed / research funding
- Industry collaboration
 - Partnerships
 - Equipment
 - Donations

THANK YOU!

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