Memorandum

To: Patrick Wolfe, Provost and Executive Vice President for Academic Affairs and Diversity

From: Arvind Raman, John A. Edwardson Dean of Engineering

Date: June 19, 2024

Subject: **Recommendation for Dr. Gesualdo Scutari for the Pedro and Barbara Granadillo Professor in Industrial Engineering**

I am writing to recommend Dr. Gesualdo Scutari for the Pedro and Barbara Granadillo Professor in Industrial Engineering Professorship. This recommendation is based on Dr. Scutari's exceptional contributions to discovery, teaching, and engagement in the field of industrial engineering.
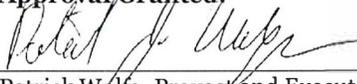
Dr. Scutari is a leading expert in non-convex optimization, focusing on distributed algorithms with applications in signal processing and networking. He has published over 149 scholarly works, including high-impact journal articles, conference proceedings, book chapters, and edited books. His work has garnered significant recognition and citations, with a Google Scholar citation count of 11,120 and an h-index of 51 as of January 2024.

Dr. Scutari's achievements have been recognized through numerous awards and honors. He is an IEEE Fellow and has received the IEEE Signal Processing Society Best Paper Award, the IEEE Signal Processing Society Distinguished Lecturer designation, and the NSF CAREER Award. Internally, he has been honored with the Purdue College of Engineering Research Excellence Award and the Purdue Seed for Success ACORN Award.

The external letters of recommendation for Dr. Scutari are highly commendatory. **Daniel Ralph, Professor of Operations Research at the University of Cambridge**, highlighted Dr. Scutari's work in optimization, noting that it has provided new insights and practical solutions to complex problems in both engineering and operational contexts. **Uday Shanbhag, Gary and Sheila Bello Professor at Pennsylvania State University**, praised Dr. Scutari's innovative approaches to equilibrium problems under uncertainty, emphasizing their significant applications in power systems and markets, setting new benchmarks in the field. **Stephan Wright, George B. Dantzig Professor at the University of Wisconsin-Madison**, described Dr. Scutari's contributions to numerical optimization as groundbreaking, offering robust solutions to continuous variable problems with wide-ranging applications.

The unanimous votes from both the IE Augmented Named Professorship Committee (**5-0**) and the ENPC (**8-0**) underscore the strong internal support for Dr. Scutari's nomination. His contributions to the field, evidenced by his research excellence, impactful teaching, and numerous recognitions, firmly establish his candidacy for the Pedro and Barbara Grandadillo Professorship. In conclusion, based on his exceptional research, teaching and mentoring, and numerous recognitions, I strongly recommend Dr. Gesualdo Scutari for the Pedro and Barbara Granadillo Professor in Industrial Engineering Professorship.

Approval Granted:

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Patrick Wolfe, Provost and Executive Vice President for Academic Affairs and Diversity

07/24/2024
Date

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Mung Chiang, President

9.5.24
Date

Cc: Luna Lu
Brittany Vestal
Young-Jun Son
AR/amh