Integrating Social Justice and Engineering: The Missing (and Perhaps Most Important) Link to Make Engineering Diverse and Inclusive

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11 a.m. – 12 p.m. (MT)
Virtual presentation via Zoom
RSVP now at https://col.st/1o1gU

Juan Lucena
Professor, Engineering Design & Society
Co-Director, Humanitarian Engineering
Colorado School of Mines

The Humanitarian Engineering (HE) program at the Colorado School of Mines (CSM) has been transforming what it means to be an engineer by, among other things, integrating social justice into the engineering curriculum, including its humanities/social science courses, design projects, and, perhaps more importantly, its engineering science core.

The HE program has challenged engineering faculty and students to re-think “what counts as engineering” by considering areas historically unattended by engineering (e.g., homelessness, immigrants, indigenous populations, low-wage workers, etc.) as worthy of engineering problem definition and solution. Dr. Lucena will share the CSM experience in rendering social justice visible throughout the engineering curriculum without compromising its integrity, and in doing so making engineering more diverse and inclusive to demographic groups that have been historically under-represented in engineering.

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