

Engineering Community Summit (ECoS) 2025 Report

Thanks to the generous sponsorship of our industry partners, the Department successfully hosted the thirteenth edition of the Engineering Community Summit (ECoS 2025). Held at the UPR Mayagüez Campus, this full-day event featured STEM (science, technology, engineering, and mathematics) seminars, workshops, and professional development activities that brought together college students, employers, faculty, and practicing engineers to exchange professional experiences, expand their knowledge, and discuss contemporary issues facing the engineering profession.

ECoS 2025 hosted over 350 attendees including college-level students, company representatives, engineering professionals, university faculty, and high-school (HS) students. The Engineering Community Summit ECoS 2025 was held on Saturday, October 11, 2025. For this event we had representatives from more than 40 companies and organizations from PR and the US that joined. This summit offered three plenary sessions, ten technical presentations of which three were special talks with focus on high-school students.

A total of 40 high school students, all of whom participated in the Pre-Engineering Summer Camp and the R2 Deep Program, were invited to participate in the high school track of ECoS 2025. Invitations were extended based on each student's level of achievement and engagement demonstrated throughout the Pre-Engineering Summer Camp, PBox, and the R2 Deep Program.

This year, a total of 250 university students attended the summit, all were sponsored by the company members, the sponsored students had the opportunity of attending all plenaries and professional talks, talking to company representatives, gaining an insight of the professional role of engineers in society issues and expanding their views of the engineering career.

As part of the activities of the past Engineering Community Summit (ECoS 2025), L3Harris, Verizon, the Rodriguez Moreno family and the ECoS 2025 committee made a commitment to award a total of 24 scholarships (\$1,000 each) to distinguished Engineering students. This past year, these students have demonstrated hard work and dedication to their education, attended ECoS 2025 and have demonstrated leadership skills and activities. This scholarship is intended to acknowledge and award that commitment. A new initiative from ECoS is sponsoring students to

be able to attend conferences to present projects. ECoS committed a grant of \$1000 to Alejandro Muñoz and to Sebastian Cruz for the IEEE Global Humanitarian Technology Conference 2025 in Ohio.

ECoS 2025 was organized by: Ms Ellen Rios de Acaron, Dr. Arturo Ponce & Dr. Ricardo Rodriguez Chairpersons of the Engineering Community Summit (ECoS 2025).

For more information, visit our website: <https://www.uprm.edu/ecos/>.