



ANSYS Propels Innovation through Next Generation of Engineers

December 11, 2018

PITTSBURGH, Dec. 11, 2018 /PRNewswire/ -- From classrooms to a Massive Open Online Course (MOOC) at Cornell University, universities and students are leveraging [ANSYS](#) (NASDAQ: ANSS) solutions for hands-on simulation experience. The [ANSYS Academic Program](#) continues to gain momentum — with nearly 750,000 free student software downloads and over 100,000 MOOC registrations.

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As companies strive to deliver ground-breaking products that keep pace with quickly-evolving trends in autonomous vehicles, electrification and 5G, the need for highly-skilled engineers is greater than ever. Fully committed to the next generation of engineers, ANSYS arms students with the latest simulation technology, training and resources to foster innovation.

ANSYS is used in more than 3,200 engineering schools in 87 countries around the world, including leading institutions like Carnegie Mellon University, Stanford University and the Technical University of Madrid. Beyond the classroom, ANSYS provides simulation software, [hands-on training](#) and resources to university-based student teams participating in competitions like Formula SAE, Shell Eco-Marathon and Hyperloop Pod Design. ANSYS also cultivates peer-to-peer engagement through the [Student Community](#), an online platform for engineering students to obtain technical support, ask questions and share ideas.

"ANSYS constantly evolves the Academic Program to maximize the value and benefits for our student, researcher and educator users," said Paul Lethbridge, senior manager, Academic and Startup Programs at ANSYS. "The goal of the program is to ensure academic users are successful in their engineering journey through easy access to ANSYS' world-class simulation software, expert support and high-quality educational materials. ANSYS is committed to providing engineering students with the education and experience necessary to excel professionally and transform tomorrow's industries."

"Our academic partnership with ANSYS has had a tremendous impact on our educational, research and industry engagement activities at UConn," said Michael Accorsi, senior associate dean of engineering at the University of Connecticut. "Using ANSYS in our Senior Design projects provides valuable experience to our graduating engineers prior to entering the workforce and significant benefits to all the companies who sponsor these projects. Last year alone, ANSYS was used in more than 50 Senior Design projects with industry sponsors."

"ANSYS was critical in our structural analysis of multiple Hyperloop pod modules," said Kathy Nguyen, chief marketing officer at Berkeley Hyperloop. "We ran static structural simulations of our chassis, drive wheels, lateral stability module and braking module under their respective maximum load cases. ANSYS enabled us to validate our hand calculations and comply with the competition safety guidelines."

"ANSYS software is a critical part of the Stanford Solar Car Project's mechanical design pipeline," said Jason Trinidad, aerodynamics team lead at Stanford Solar Car Project. "ANSYS products allow us to create straightforward, yet powerful simulations, and the partnership has helped the Stanford Solar Car Project innovate with confidence."

About ANSYS, Inc.

If you've ever seen a rocket launch, flown on an airplane, driven a car, used a computer, touched a mobile device, crossed a bridge or put on wearable technology, chances are you've used a product where ANSYS software played a critical role in its creation. ANSYS is the global leader in engineering simulation. Through our strategy of Pervasive Engineering Simulation, we help the world's most innovative companies deliver radically better products to their customers. By offering the best and broadest portfolio of engineering simulation software, we help them solve the most complex design challenges and create products limited only by imagination. Founded in 1970, ANSYS is headquartered south of Pittsburgh, Pennsylvania, U.S.A., Visit www.ansys.com for more information.

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