



Michigan Tech

Create the Future



REVAMPING ROBOTICS EDUCATION TO MEET 21ST CENTURY WORKFORCE NEEDS

Workshop Overview: *The interdisciplinary nature of robots make robotics a useful STEM pedagogical tool. There is also a significant need for industrial certification programs in robotics. Robots are increasingly used across industry sectors to improve production throughputs while maintaining product quality. The benefits of robotics, however, depend on workers with up-to-date knowledge and skills to maintain and use existing robots, enhance future technologies, and educate users. It is critical that education efforts respond to the demand for robotics specialists by offering courses and professional certification in robotics and automation. This NSF sponsored workshop introduces a new approach for teaching Industrial Robotics in electrical engineering technology programs to match industry needs and provide a replicable model for programs around the US.*

Who should attend: *This workshop is offered to faculty members of two- and four year institutions and designed for the instructors who wish to increase their experience in Industrial Robotics and is interested in revamping existing or developing new courses in Industrial Robotics.*

Where and When: *This two day workshop will be conducted at Michigan Technological University, May 7-8, 8am-4pm*

Travel Assistance: *Workshop is limited to 12 participants. Stipend of \$500 is provided to each participant to cover travel expenses.*

For more information contact: Dr. Alex Sergeev at (906) 487-2258 or avsergue@mtu.edu

To register log on to: <http://www.cs.mtu.edu/~kuhl/robotics/> and click on **Upcoming Events** to **Register**

