

Figure 3. Ahmad Mohammad conducting training at Al-Balga Applied University, Amman, Jordan. (Image obtained with permission from Sulieman Ayman Meqdadi, chair, Al-Balqa Applied University, IEEE RAS Student Branch Chapter.)



Figure 4. Postdoctoral scholar Dr. Weitian Wang demystifying reinforcement learning for PFJ Middle School Students on the YuMi. (Image credit: Adhiti Raman.)

(Figure 2). Thank you to everyone who contributed to its success, with special thanks to distinguished guest lecturer Ahmad Mohammad (Figure 3).

## **Clemson University IEEE RAS SBC Hosts** Middle School Lab Tour

Forty students from Dr. Phinnize J. Fisher (PJF) Middle School in Greenville, South Carolina, were invited by the Clemson University, South Carolina IEEE RAS SBC and the Clemson University International Center for Automotive Research in Greenville, South Carolina, to learn about robotics, autonomous vehicles, and life at a research institute (Figure 4). The students were treated to a tour of two of the robotic labs in which they got to play with different robots and observe a



Figure 5. Build, drive, race! Ph.D. student Jasprit Singh showcasing Autonomy 101 with student-built F1tenth.org remote-controlled cars. (Image credit: Adhiti Raman.)

student-designed autonomous remotecontrolled car making the rounds on a track, as shown in Figure 5. The day culminated in a hands-on workshop during which the middle school students brainstormed about ideas for robots in everyday life and even designed a robotic arm with cardboard and straws.

