

| # | Title | Authors with affiliation and country |
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| 1570621369 | Fun, Active Ways to Integrate Coding for Kids in PE Class | Paul Zdanowicz (Unruly Studios, Inc., USA) |
| 1570628378 | Smart Home - Programming your first voice-controlled IoT device with MicroPython | Oscar Rodas (Universidad Galileo & Tesla Lab, Guatemala); Yeisson R Chicas (Universidad Galileo, Guatemala); Angel Isidro (Universidad Galileo & Tesla Lab, Guatemala) |
| 1570628467 | Workforce Partnerships in STEM Education and Computing: A Case Study of Toms River Regional Schools, NAVAIR and the Office of Naval Research | Tiffany Lucey (Toms River Regional Schools, USA); Haidy Oliveira (Naval Air Systems Command, USA); Gaetan Mangano (Naval Air Systems Command - Lakehurst, USA); Marc Natanagara (Toms River Regional Schools, USA) |
| 1570628824 | Data Science for Social Justice: An Approach to Broaden Participation | RN Uma and Alade Tokuta (North Carolina Central University, USA); Adrienne Smith and Rebecca Lowe (Cynosure Consulting, USA) |
| 1570629466 | Social engineering for multiple undergraduate STEM fields | Aunshul Rege, Rachel Bleiman and Mollie Ducoste (Temple University, USA) |
| 1570629489 | Logic Models: A Tool for building successful interconnected STEM programs | Deborah Hecht (CUNY Graduate Center & Center for Advanced Study in Education, USA); Nicole M Zapparrata (Center for Advanced Studies in Education, USA) |
| 1570630040 | Future Learning Workforce | Bruce Hecht (Analog Devices, USA) |
| 1570630807 | After College General Physics: A Renewable Energy Primer | Jorge Santiago-Aviles (University of Pennsylvania, USA); Gerri Light (Western Governors University, USA) |
| 1570630950 | Face & Object Recognition using Machine Learning on a Raspberry Pi using a Webcam | Shubhendu Das (STEAM WORKS STUDIO, Princeton, NJ, US, USA) |
| 1570631173 | Saras-3D comprehensive 3D stereoscopic virtual hands-on VR/AR learning experience | Bipin D Dama (Saras-3D, Inc., USA) |
| 1570631177 | ReadyAI Workshop on AI-Powered Robotics and Project Based Learning | Roozbeh Aliabadi (USA) |
| 1570631212 | Experiential Learning Using Free Web Tools and Services - Assessing Impact on Engineering Students' Academic Achievement and Self-Efficacy | Muhammad Safeer Khan (Arkansas Tech University, USA) |
| 1570633674 | 200 years of Electro-Magnetism | Helena Rittenhouse (Princeton University EPICS, USA) |