Unique ID| First Name| Last Name| Session Type| Session Title| Abstract Title
---|---|---|---|---|---
2382| Johannes| Abraham| Poster Abstracts| Physics Education Research| Exploring student conceptual resources about heat and temperature
2386| Alisa| Abraham| Poster Abstracts| Physics Education Research| Experiment of Model Train using Ultrasonic Sensor Connected to Smartphone
2388| Ann| Abraham| Contributed Abstracts| Mean Practices for Developing Student Understanding| Developing Student Understanding of Electric Current in Education classes
2390| Wendy| Abraham| Invited Abstracts| Get the Facts Out: Changing the conversation around physics teacher recruitment| The Latest and Greatest from the Pacific Out
2392| Emily| Abraham| Contributed Abstracts| PER: Student and Instructor Support & Professional Development; Program and Institutional Change| Remote CTA Preparation: The Good, the Bad, and the Ugly
2394| Emily| Allen| Invited Abstracts| Using Educational Technology to enhance Diversity, Equity, and Inclusion| Use of physics simulations in supporting equity and student learning
2396| Alex| Allen| Poster Abstracts| Physics Education Research| Use of physics simulations in supporting equity and student learning
2398| Debbie| Allen| Invited Abstracts| Doing Physics and Religion: Using Physics and Religion to Introduce Students to Physics and Religion
2402| D. Baker| Contributed Abstracts| Introductory Courses| Developing critical thinking questions for introductory physics courses
2406| Ana| Barba| Contributed Abstracts| PER: Diversity, Equity & Inclusion| Reflective Journaling in the Time of COVID
2408| Connor| Barlow| Invited Abstracts| Physics experiences of students from underrepresented groups| LGBTQ+ Physicists: Partnering Methodology and Building Situated Knowledge
2412| Erin| Banon| Contributed Abstracts| Curriculum and Instruction| Science Teacher Education: TikTok Engagement for Physics laboratories
2414| A. Becker| Becker| Contributed Abstracts| Assessment, Grading, and Feedback| Mixed methods for student engagement and assessment
2416| Joanna| Beham| Invited Abstracts| History of Underrepresented Groups in Physics| Importance of the Islamic Golden Age for Physics and Astronomy
2418| Alexay| Belayan| Invited Abstracts| Exploring Frontiers & Modern Technology| Information technology: challenges and bottlenecks
2420| Christine| Bell| Contributed Abstracts| Introductory Courses| Using Introduction to Modern Physics as a Way of Teaching
2422| Paul| Beagan| Contributed Abstracts| Introductory Courses| Practicing the Practice of Physics Education Research
2424| Justin| Beagan| Contributed Abstracts| Introductory Courses| Teaching Students How to Practice
2426| Nancy| Berke| Poster Abstracts| Teaching the Introductory Physics for the Science Undergraduate (ILPS) course| Health and Science Digital Workshops with Student Work in Details
2428| Matthew| Blackman| Invited Abstracts| "I don't want to try that!" Best new labs we've seen| Gamify, don't simplify: Virtual activities for student intuition & motivation
2430| Jared| Blazey| Invited Abstracts| Science Advocacy and Communicating with Educators| Perspective from inside and outside: Advocating for Science and Policy
2432| Jennifer| Blue| Poster Abstracts| Labs/Apparatus| Teaching Physics by Inquiry Reflectively
2434| Michael| Buehler| Contributed Abstracts| Computing in Laboratory Science: A Web-based Lab Notebook (Pivot Interactives) | Integrating Computation During a Pandemic
2436| Scott| Burnham| Contributed Abstracts| History of Underrepresented Groups in Physics| The Uncelebrated Arab Genius
2438| James| Burgard| Invited Abstracts| The Effective Practices for Physics Programs (EPP) Guide and Departmental Action Leadership Institutes (DALIs)| Toolkit for Departments Under Threat
2440| Vinessa| Burdell| Contributed Abstracts| Physics Education Research| Development of a Modeling Framework for Assessment of Scientific Reasoning
2442| Darius| Butler| Contributed Abstracts| PER: Physics, Research and Perspectives| Reflective Journal in the Time of COVID
2444| Louis| Bussing| Contributed Abstracts| Developing and Applying a Longitudinal Framework in Introductory Physics| Developing and Applying a Longitudinal Framework in Introductory Physics
2446| Andrew| Boudreaux| Contributed Abstracts| PER: Student Understanding, Problem-Solving and Reasoning| A dual process based teaching intervention for terminal speed
2448| Jake| Buhl| Contributed Abstracts| PER: Curriculum and Instruction| Assessing a Flipped classroom consisting of open-inquiry projects using Arduino
2450| Suzanne| Brahms| Contributed Abstracts| PER: Student Understanding, Problem-Solving and Reasoning| The mixed messaging of algebraic variables in physics
2452| Jared| Brink| Contributed Abstracts| Physics Education Research| Factor analysis of the PTaP.HE
2454| Fred| Brewo| Contributed Abstracts| PER: Student and Instructor Support & Professional Development; Program and Institutional Change| Changes to online physics teaching: Empathy and above average quality
2456| Julius| Brooks| Contributed Abstracts| PER: Student Understanding, Problem-Solving and Reasoning| Sense-making by manipulating apparatus and using gesture
2458| Erik| Buhr| Contributed Abstracts| Effective Practices in Educational Technology| Creating Virtual Reality STEM Escape Rooms
2460| Christopher| Buehler| Contributed Abstracts| Physics Education Research| Facilitating Authentic RESE Induction in a Virtual Environment
2462| John-Philipp| Burde| Poster Abstracts| Technologies| An Analog-based SIM-Modeling for Teaching Simple Electric Circuits
2464| Bill| Burton| Contributed Abstracts| Effective Practices in Educational Technology| Computation and Visualisation in the Context of Classroom Environment
2466| Daniel| Burnham| Contributed Abstracts| Integrating Computation into High School Physics| Modeling and Measuring Characteristics of a Large Amplitude Physical Pendulum
2468| Camilo| Caballero| Contributed Abstracts| The Art and Science of Teaching| The Art and Science of Teaching
2470| Jared| Callaghan| Invited Abstracts| Emerging Technologies for Remote Instruction| Virtual Reality Enabling Remote Collaborative Physics Labs
2369| Gerina| Cantrell| Invited Abstracts| Achievement Goals During Online Instruction: Lessons Learned| Deconstructing the Physics and Astronomy Classroom
2371| Teo| Carreras| Contributed Abstracts| PER: Student Understanding, Problem-Solving and Reasoning| krijt sharing resources in STS: Online presentation of the Digital Age
2473| Dan| Carrithers| Contributed Abstracts| Effective Practices in Educational Technology| Integrating computation in a remote introductory course
2475| Jeff| Chabot| Invited Abstracts| Science, Technology, and Society| Flipping the Lab: A programmatic effort towards addressing underrepresentation
2477| Frank| Cheung| Contributed Abstracts| Emerging Technologies for Remote Instruction| A case study of student experience of online homework
2479| Jacques| Chiz| Contributed Abstracts| PER: Diversity, Equity & Inclusion| The Universal Design for Learning Instructional Practices Observation Protocol (UDL-IPOP)
2481| H. L.| Chiz| Poster Abstracts| Labs/Apparatus| Experiment activity of student collaboration in synchronous distance learning
2687 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) Department chair reports on misalignment between their current and ideal departments.


2689 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)


2693 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)


2701 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)


2704 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)


2706 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)

2707 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)


2711 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)


2717 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)


2719 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)


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2726 Invited Abstracts The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs) The Effective Practices for Physics Programs (EPSI) Guide and Departmental Action Leadership Institutes (DALIs)

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