Middle and High School Teachers are invited to a FREE Virtual Science Event!

November 7 & 14

Science Teacher Days
Free workshops for middle and high school teachers, taught by plasma scientists from world-class research centers, laboratories and industry

Workshops will help you:
• Introduce students to plasma science
• Incorporate plasma and fusion into your present curriculum
• Satisfy state and national standards

You will receive:
• Plasma ball
• Half-coated plasma tube
• Hands-on resource materials, posters, lesson plans and more
• Personal development units

Click Here to Register

SCIENCE TEACHER DAYS ARE BROUGHT TO YOU BY: APS-DPP
This event is sponsored by the American Physical Society Division of Plasma Physics (APS-DPP), which seeks to advance knowledge, understanding and applications of plasma. With over 30 years of experience connecting teachers and scientists, in 27 cities, the APS-DPP has introduced over 35,000 students and teachers to plasma science at their education events. This is the first time they are bringing their Teacher Day to Tennessee.

REGISTER HERE!
https://engage.aps.org/dpp/programs/education-outreach/science-teacher-day
For more information, contact Julie Harris at Julie.harris@ga.com or 858-455-2635
<table>
<thead>
<tr>
<th>Time ('All times in CDT')</th>
<th>Day 1: Saturday, November 7, 2020</th>
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<tbody>
<tr>
<td><strong>8:30am-8:50am</strong></td>
<td><strong>Welcoming Remarks</strong></td>
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<tr>
<td>Middle School</td>
<td>High School</td>
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| Session 1 9:00am-10:30am | Plasma 101 for Middle School teachers (MS)  
Presented by: Shannon Greco | Plasma 101 for High School teachers (HS)  
Presented by: Rick Lee |
| Session 2 10:40am-11:25am| Hands-On Fusion and Plasma Activities for your Classroom  
Presented by: Cheryl Harper and Sam Lightner (CPEP) | APS PhysicsQuest Classroom Kits  
Presented by: Claudia Fracchiolla and Laura Zhang |
| Session 3 11:30pm-12:15pm | APS PhysicsQuest Classroom Kits  
Presented by: Claudia Fracchiolla and Laura Zhang | Hands-On Fusion and Plasma Activities for your Classroom  
Presented by: Cheryl Harper and Sam Lightner (CPEP) |
| **12:15pm-1:00pm**      | **Brown-bag lunch with plasma/fusion scientists** |
| Session 4 1:00pm-2:30pm | Teaching Plasma Through Classroom Demos  
Presented by: Andrew Selztman | The Electromagnetic Spectrum:  
How we know what we know about 100,000,000K plasmas  
Presented by: Rick Lee |
| Session 5 2:40pm-4:10pm | The Electromagnetic Spectrum: How we know what we know about 100,000,000K plasmas  
Presented by: Rick Lee | Teaching Plasma Through Classroom Demos  
Presented by: Andrew Selztman |
| **4:10pm-4:25pm**       | **Closing for the day**          |

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<thead>
<tr>
<th>Time ('All times in CDT')</th>
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<tr>
<td><strong>9:00am-10:30am</strong></td>
<td><strong>Middle School</strong></td>
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| Light and the Nature of Matter  
Presented by: Steve Allen | Making Fusion Work: Applying crosscutting concepts for energy solutions and showing them to your students  
Presented by: Steffi Diem and Cami Collins |
| **10:40am-12:10pm**      | **High School**                  |
| Making Fusion Work: Applying crosscutting concepts for energy solutions and showing them to your students  
Presented by: Steffi Diem and Cami Collins | Light and the Nature of Matter  
Presented by: Steve Allen |
| **12:10pm-12:40pm**      | **Brown-bag lunch**              |
| **1:00pm-1:15pm**        | **Closing for Middle School Teacher Day Workshops** |
| Session 3 12:40pm-2:10pm | APS STEP UP: Careers in Physics  
Presented by: Shannon Greco |
| Session 4 2:20pm-3:20pm  | Coding Integration into High School Physics and Physical Sciences  
Presented by: Chris Orban |
| **3:20pm-3:40pm**        | **Closing for High School Teacher Day Workshops** |