

PLASMAS ARE EVERYWHERE

and they belong in your classroom!

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:

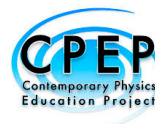
- Plasma ball
- Half-coated plasma tube
- Hands-on resource materials, posters, lesson plans and more
- Personal development units



[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

Time (*All times in CDT)	Day 1: Saturday, November 7, 2020	
8:30am-8:50am	Welcoming Remarks	
	Middle School	High School
Session 1 9:00am-10:30am	Plasma 101 for Middle School teachers (MS) <i>Presented by: Shannon Greco</i>	Plasma 101 for High School teachers (HS) <i>Presented by: Rick Lee</i>
Session 2 10:40am-11:25am	Hands-On Fusion and Plasma Activities for your Classroom <i>Presented by: Cheryl Harper and Sam Lightner (CPEP)</i>	APS PhysicsQuest Classroom Kits <i>Presented by: Claudia Fracchiolla and Laura Zhang</i>
Session 3 11:30pm-12:15pm	APS PhysicsQuest Classroom Kits <i>Presented by: Claudia Fracchiolla and Laura Zhang</i>	Hands-On Fusion and Plasma Activities for your Classroom <i>Presented by: Cheryl Harper and Sam Lightner (CPEP)</i>
12:15pm-1:00pm	Brown-bag lunch with plasma/fusion scientists	
Session 4 1:00pm-2:30pm	Teaching Plasma Through Classroom Demos <i>Presented by: Andrew Selzman</i>	The Electromagnetic Spectrum: How we know what we know about 100,000,000K plasmas <i>Presented by: Rick Lee</i>
Session 5 2:40pm-4:10pm	The Electromagnetic Spectrum: How we know what we know about 100,000,000K plasmas <i>Presented by: Rick Lee</i>	Teaching Plasma Through Classroom Demos <i>Presented by: Andrew Selzman</i>
4:10pm-4:25pm	Closing for the day	

Time (*All times in CDT)	Day 2: Saturday, November 14, 2020	
	Middle School	High School
Session 1 9:00am-10:30am	Light and the Nature of Matter <i>Presented by: Steve Allen</i>	Making Fusion Work: Applying crosscutting concepts for energy solutions and showing them to your students <i>Presented by: Steffi Diem and Cami Collins</i>
Session 2 10:40am-12:10pm	Making Fusion Work: Applying crosscutting concepts for energy solutions and showing them to your students <i>Presented by: Steffi Diem and Cami Collins</i>	Light and the Nature of Matter <i>Presented by: Steve Allen</i>
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 <i>Presented by: Shannon Greco</i>
Session 4 2:20pm-3:20pm		Coding Integration into High School Physics and Physical Sciences <i>Presented by: Chris Orban</i>
3:20pm-3:40pm		Closing for High School Teacher Day Workshops

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