



Shaping Human Future with Nanotechnology

Workshop Location: Online / Cisco WebEx

Do you want to know more about Nanotechnology and its application?

Are you excited about shaping human future with Nanotechnology?

Do you want to know the available opportunities in Nanotechnology at the University level?

Are you excited about how quantum computers are going to change human future?

Then join the University of the District of Columbia's CNRE and AMP3 Team on July 29, 2021, at 9:00 am online to KNOW MORE!

Agenda

July 29th 2021	
Time	Activity
Session 1- Introduction to Nanotechnology	
9:00 – 9:20 AM	<i>Introduction and icebreaker activities (instant challenge)</i> Opportunities in Engineering/Nanotechnology/Additive Manufacturing at University level (Student Mentorship / Internship / Stipends-scholarship)
9:20 – 10:00 AM	<i>Interactive discussion on the application of nanotechnology in making future computers (e.g., quantum computers), solar cells, biomedical devices, and training needed to be future inventors.</i> Presenter: Prof. Pawan Tyagi
10:00 - 12:00 AM	<i>Basic steps in nanotechnology:</i> <i>Idea, Design, Build, Test</i> Presenters: I. Marzieh Savadkoobi, II. Dr. Eva Mutunga
12:00 AM - 12:30 PM Break before session - 2	
12:30 – 1:00 PM	<i>Nanoscale Characterizations: Presentation</i> Dr. Bishnu Dahal
1:00 - 1:20 PM	<i>Designing and simulating nanotechnology devices</i>
1:20 - 1:45 PM	<i>Course Survey</i>
1:45 – 2:00 PM	<i>Quiz on nanotechnology (Kahoot) and Winner announcement</i>
Special Gifts (CNRE T-Shirts Award) to Quiz winners!	

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