

Session Program

Jun 5 - 11, 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

***R2-5 Materials Synthesis and
Characterization (DCMMP) | Synthèse et
caractérisation de matériaux (DPMCM)***

McMaster University

Thu, June 9

10:45 AM

R2-5 Materials Synthesis and Characterization (DCMMP) | Synthèse et caractérisation de matériaux (DPMCM)

Session | Location: McMaster University, MDCL 1008 | Conveners: Al-Amin Dhirani, Al-Amin Dhirani

10:45 - 11:00 AM

Surface Conduction Measurement of Si Nanostructures by Ohmic Two Probes in a Multi-probe Scanning Tunneling Microscope

Speakers

Dr Ali Khademi, Dr Jason Pitters

11:15 - 11:30 AM

“Nanoengineering” 2-D nanosheets

Speaker

Al-Amin Dhirani

11:30 - 11:45 AM

Transient nonlinear optical properties of nanostructures made of quantum dots and metallic nanoparticles

Speaker

Ningyan Fang

11:45 AM - 12:00 PM

SiGe nanocrystals in SiO₂: optical and materials properties

Speaker

Matheus Adam

12:00 - 12:15 PM

A scanning tunneling microscopy study of a two dimensional organometallic network on the Ag(111) surface

Speaker

Mark Gallagher

12:15 PM