

Session Program

2-4 Apr 2020

**New Opportunities at the Next Generation
Neutrino Experiments 2020**

Talk

Thursday 2 April

09:00

Talk

Session | **Location:** Wyndam Pittsburgh University Center, Schenley I-III Room

09:00–09:45 **Theory Overview**

09:45–10:30 **Experiment Overview**

Speaker

Albert De Roeck

10:30

11:00

Talk

Session | **Location:** Wyndam Pittsburgh University Center, Schenley I-III Room

11:00–11:30 **Status of eV-scale Sterile Neutrinos**

Speakers

Carlos Arguelles, Carlos Arguelles

11:30–12:00 **Searches for Heavy Neutral Leptons**

Speaker

Pawel Guzowski

12:00–12:30 **Discussion**

12:30

14:00

Talk

Session | **Location:** Wyndam Pittsburgh University Center, Schenley I-III Room

14:00–14:30 **Neutrino Trident Production**

Speaker

Matheus Hostert

14:30–15:00 **Coherent Neutrino Nucleus Elastic Scattering**

Speaker

Richard Van de Water

15:00–15:30 **BSM physics in Coherent Neutrino Nucleus Elastic Scattering**

Speaker

Bhaskar Dutta

15:30

16:00

Talk

Session | **Location:** Wyndam Pittsburgh University Center, Schenley I-III Room

16:00–16:30 **Light Particle Detection at Reactor Experiments**

Speaker

Doojin Kim

16:30–17:00 **$\sin^2 \theta_W$ Measurements at Neutrino Experiments**

17:30	Speaker Yuber Perez
	17:00–17:30 Discussion

Friday 3 April

09:00
10:30
11:00

12:30
14:00

15:30
16:00
17:30

Talk Session Location: Wyndam Pittsburgh University Center, Schenley I-III Room
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<div>11:00–11:30</div> Neutrino Cross Section Modeling Speaker Shirley Li
<div>11:30–12:00</div> Recent Developments in GENIE Speaker Steven Dytman
<div>12:00–12:30</div> Discussion
Talk Session Location: Wyndam Pittsburgh University Center, Schenley I-III Room
<div>14:00–14:30</div> Theory Overview of Neutrinoless Double Beta Decay Speaker Frank Deppisch
<div>14:30–15:00</div> Nuclear Matrix Elements Calculations for Neutrinoless Double Beta Decays Speaker emanuele mereghetti
<div>15:00–15:30</div> Experimental Overview of Neutrinoless Double Beta Decay Speaker Ben Jones
Talk Session Location: Wyndam Pittsburgh University Center, Schenley I-III Room

Saturday 4 April

09:00

Talk

Session | **Location:** Wyndam Pittsburgh University Center, Carnegie Room

09:00–09:30

Searches for Proton Decay

Speaker

Volodymyr Takhistov

09:30–10:00

Neutrino-Dark Matter Connection

Speaker

Eung Jin Chun

10:00–10:30

Discussion

10:30

11:00

Talk

Session | **Location:** Wyndam Pittsburgh University Center, Carnegie Room

11:00–11:30

Discussion

11:30–12:00

Physics Beyond Colliders

Speaker

Gaia Lanfranchi

12:00–12:30

Planning for Snowmass

Speaker

Elizabeth Turner Worcester

12:30–13:00

Closing Remarks

Speaker

Prof. Jae Yu

13:00