



# Developing New Directions in Fundamental Physics (DND) 2020

## Thursday, 5 November 2020

### WG: New Technologies and Techniques: Parallel Session (14:00 - 18:00)

-Conveners: Oliver Stelzer-Chilton; Gray Rybka; Makoto Fujiwara; Alvaro Chavarria

time	[id] title	presenter
14:00	[21] Superconducting Quantum Sensors and Tests of Quantum Mechanics	Dr CHEN, Weijian
14:30	[22] Tabletop experiments for quantum gravity	Dr CARNEY, Dan
15:00	[23] Atomic clocks for fundamental physics	Dr YE, Jun
15:30	Health Break	
15:50	[24] Dark matter searches with accelerometers	Prof. GUNDLACH, Jens
16:20	[25] Atom Interferometry for Fundamental Physics	Dr PANDA, Cristian
16:50	[26] Laboratory neutrino mass measurements	Dr NOVITSKI, Elise
17:20	[28] New techniques for precision measurements on simple atoms/molecules	Dr FUJIWARA, Makoto
17:40	[29] Additional Discussion Time	

# Friday, 6 November 2020

## **WG: New Technologies and Techniques: Summary and Outlook (10:00 - 10:30)**

time	[id] title	presenter
10:00	[32] Summary and Outlook	Prof. RYBKA, Gray
10:20	Discussion	