

**Schedule for DoE visit to
The Institute for Quantum Matter Energy Frontier Research Center
Tuesday January 7, 2020**

Visitors:

DoE Program Managers Dr. Michael Pechan and Matthias J. Graf.

Organizer:

Collin Broholm, Bloomberg Room 345. Cell: 443-799-5592, Email: broholm@jhu.edu
Thomas Rhatigan, Room 357, Phone: 410-516-7840, trhatig2@jhu.edu.

Location:

Unless otherwise noted Room 462, Bloomberg Center for Physics and Astronomy, 3701 San Martin Drive, Baltimore, MD 21218. Zoom meeting link: <https://zoom.us/j/448142547>.

Parking:

Parking will be in the Physics and Astronomy Visitor parking spots. A hang tag is provided. It should be dated and displayed on the dashboard. Call Collin at 443 799 5592 if there is any trouble.

Time	Activity	Presenter
10:00	Arrival and coffee	All
10:15	Welcome	Dean John Toscano
10:25	Scientific overview of IQM	Collin Broholm
11:05	Magnetic order and excitations in Mn ₃ Ge	Jonathan Gaudet
11:25	Giant magneto-elastic coupling in the chiral antiferromagnet Mn ₃ Ge	Brad Ramshaw
11:45	Theory of the magnetism in topological materials	Predrag Nikolic
12:05	Lunch	All
12:45	Tour of IQM-JHU Laboratories 12:50 THz spectroscopy 1:10 Raman spectroscopy 1:30 PARADIM 1:50 Solid state chemistry laboratory 2:10 IQM Crystal growth	Peter Armitage Natalia Drichko Tyrel McQueen Tyrel McQueen Seyed Koohpayeh
2:30	Quantum spin liquid	Oleg Tchernyshyov
3:10	Magnetic hexagonal perovskites	Loi Nguyen
3:30	Coffee	All
4:00	Axion insulator	Peter Armitage
4:40	Searching for axion insulators: The puzzle of EuMn ₂ P ₂	Nicodemos Varnava
5:00	Topological superconductivity	Tyrel McQueen
5:40	MBE thin films of topological materials	Run Xiao (to be confirmed)
6:00	Depart for dinner at Gertrude's . 10 Art Museum Dr, Baltimore, MD 21218 6:30 reservation.	Pechan, Graf, Broholm, Armitage, McQueen, Tchernyshyov