

**Future BNC Meetings
Spring 2019 Schedule
Thursdays, 12:00pm – 1:00pm in BRK 2001**

Lunch provided

In our Faculty Leadership Council meetings last year, we had extensive discussions about Birck Center’s strategic planning and how we can become more prominent as a top nanotechnology center internationally. We are fortunate to have a great foundation (excellent faculty and staff, outstanding facility, and healthy financial performance and support from university). When I arrived about seven years ago, in consultation with many of you, we identified three main priorities: (1) space to bring new faculty/centers to Birck (2) replacement of many aging equipment. (3) signature or unique equipment/facility, best in the country, to increase our visibility and attract external partners.

We have made significant progress in all three items above. However, we need a much larger fraction of Birck community to take ownership and be directly involved in the planning for future of Birck. I know everybody is extremely busy, but if we don’t make an effort to come together and benefit from our collective strengths, what Dana, Yong and I in the leadership could do, will be limited.

With the help of Peter Bermel, we are initiating a series of Future BNC meetings this semester, every Thursday 12noon-1pm at Birck 2001 (lunch provided). In the first 20-30 minutes, we may hear from a faculty member who will present their research very broadly, at a level accessible to those outside their immediate areas. This will create space during the remainder of the hour for a high-level discussion of collaboration opportunities that can lead to future centers of excellence and/or also brainstorm about a shared vision for Birck. See below the current schedule. We will update this to have an event every Thursday (except holidays).

Date	Faculty	Topic
1/17/19	David Warsinger	Water Purification
2/7/19	Mahdi Hosseini	Exploring Quantum Regime of Atom-Photon Dynamics for Applications in Sensing, Communication and Computations
2/14/19	Ali Shakouri	Birck Strategic Planning
2/21/19	Steve Wereley	Rapid Electrokinetic Patterning
2/28/19	Yong Chen	Purdue Quantum Science and Engineering Institute (PQSEI)
3/7/19	Dana Weinstein	Birck Operations
3/21/19	Liang Pan	Laser / e-beam nano manufacturing
3/28/19	Mohit Verma	Microbiome
4/11/19	Rahim Rahimi	Nano Manufacturing
4/18/19	SPS Panel (Tracy Hudson)	Industrial contracting models panel discussion: Budgets and IP contracting issues
4/25/19	Daniel Suter	Neuronal mechanics: an example of nano-bio research