Goal: The objective of the Schools of Information Theory is to provide students and postdocs with the opportunity to:

- Learn from senior lecturers in the field who will present long-format tutorials;
- Participate in a stimulating and inviting forum of scientists;
- Present their own work for feedback and potential collaboration; and
- Deepen their connections with the community.

Location: The 2019 North American School of Information Theory will be hosted at Boston University in the 9th floor colloquium space in the Photonics Center (which houses the Department of Electrical and Computer Engineering). Students and postdocs will have the option of staying in on-campus dorms at $82/night.

Dates and Potential Conflicts: The school is scheduled to take place from Tuesday, July 2nd to Friday, July 5th, 2019. It immediately precedes ISIT 2019, which will take place in Paris, France from Sunday, July 7th to Friday, July 12th, 2019. This choice of dates has two advantages. First, it gives attendees a chance to experience Boston during the July 4th celebrations, which was a highlight of ISIT 2012. Second, Boston is (relative to North American cities) close to Paris, and a back-to-back trip will likely help reduce many students’ total travel costs. Below, we also the dates of potentially-competing summer conferences:

ITW 2019, Sweden; August 25 - 28, 2019
ICML 2019, Sweden, July 10 - 15, 2019
ICC 2019, China, May 20 - 24, 2019
SPAWC 2019, France, July 2 - 5, 2019 (date conflict)

Funding Sources: The IT Society contributed $15,000 to the 2018 Summer School at Texas A&M University. We respectfully request the same amount and will be seeking funding from the National Science Foundation, the Army Research Office (ARO), and the Air Force Office of Scientific Research (AFOSR) as well as from companies (e.g., Microsoft, Amazon, Google) and local universities (e.g., BU, MIT, Harvard, Northeastern). We will also request a small registration fee (approx. $100).

Organizing Committee (only confirmed roles):

Bobak Nazer (BU), General Chair
Anand Sarwate (Rutgers), Technical Program Chair
Salim El Rouayheb (Rutgers), Poster Session Co-chair
Arya Mazumdar (UMass Amherst), Poster Session Co-chair
Yury Polyanskiy (MIT), Technical Demonstrations Chair
Flavio du Pin Calmon (Harvard), Publicity Chair
Muriel Médard (MIT), Advisor

Confirmed Speakers:

Tara Javidi (UCSD)
Max Raginsky (UIUC)

Tentative Technical Schedule:

Day 1, Tuesday, July 2nd
Morning: Tutorial 1
Early Afternoon: Tutorial 2
Late Afternoon: Poster Session 1

Day 2, Wednesday, July 3rd
Morning: Padovani Lecture
Early Afternoon: Tutorial 3
Late Afternoon: Poster Session 2
Evening: Banquet

Day 3, Thursday, July 4th
Morning: Tutorial 4

Day 4, Friday, July 5th
Morning: Tutorial 5
Afternoon: Technical Demo or Professional Development

Budget Sketch

<table>
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<tr>
<th></th>
<th>Number of People</th>
<th>Cost per Person</th>
<th>Total</th>
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<tr>
<td>Student Housing (4 nights)</td>
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<td>Coffee &amp; Snacks (3.5 days)</td>
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<td>Lecturer/Organizer Dinner</td>
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<td>TOTAL COST</td>
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</table>
Budget Notes:
• We assume that approximately 20 students will be local and will not require housing.
• We are currently budgeting travel and lodging costs for the Padovani Lecturer, but these costs may be covered by the Padovani fund.

Proposed Motion:
We respectfully request the same amount of support for NASIT 2019 as given for NASIT 2018, in the amount of $15,000.