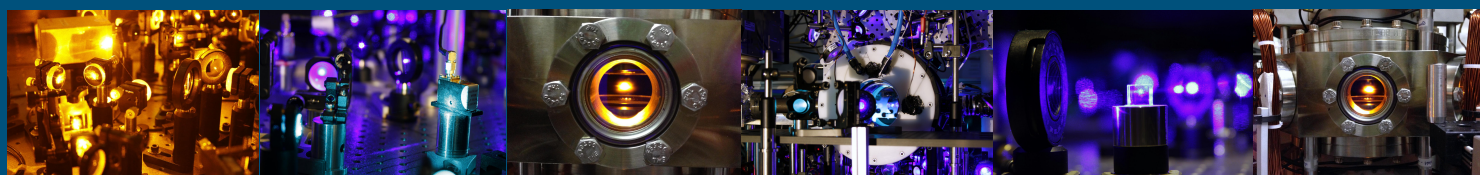


São Paulo School of Advanced Science on Quantum Fluids and Applications



April 20 to 30, 2020

**São Carlos Institute of Physics / University of São Paulo
São Carlos - SP, Brazil**

We are pleased to announce that from 20-30 April 2020 we will hold the "São Paulo School of Advanced Science on Quantum Fluids and Applications". Hosted by the São Carlos Institute of Physics of University of São Paulo at São Carlos, the School is one of the São Paulo Schools of Advanced Science supported by Fapesp (São Paulo Research Foundation) and it will cover relevant topics on quantum fluids, such as:

- ◆ Bose-Einstein condensation
- ◆ Degenerate Fermi gases
- ◆ Out-of-equilibrium quantum fluids and turbulence
- ◆ Adiabatic traps for cold atoms
- ◆ Quantum magnetism
- ◆ Macroscopic quantum phenomena
- ◆ Quantum simulation
- ◆ Universality
- ◆ Supersolids

Confirmed speakers

- | | |
|-------------------------|---------------------------------|
| ✓ William D. Phillips | ✓ Thereza C. de Lacerda Paiva |
| ✓ Randall G. Hulet | ✓ Tommaso Macrì |
| ✓ David E. Pritchard | ✓ Arnaldo Gammal |
| ✓ Daniel Kleppner | ✓ Philippe W. Courteille |
| ✓ Sandro Stringari | ✓ Emanuel A. de Lima Henn |
| ✓ Gabriele Ferrari | ✓ Eric de Castro e Andrade |
| ✓ Hélène Perrin | ✓ Patrícia C. Marques Castilho |
| ✓ Massimo Inguscio | ✓ Mônica A. Caracanhas |
| ✓ Giacomo Roati | ✓ Gustavo Deczka Telles |
| ✓ Sergey Nazarenko | ✓ Kilvia Mayre Farias |
| ✓ Giorgio Krstulovic | ✓ Lucas Madeira |
| ✓ Amir Ordacgi Caldeira | ✓ Francisco E. Alves dos Santos |
| ✓ Ubirajara van Kolck | ✓ Raul Celistrino Teixeira |
| ✓ Mark G. Raizen | ✓ Romain P. Marcel Bachelard |
| ✓ Marlan Scully | |

Travel grants available for
students and early career
researchers.



Organizing Committee:

Vanderlei Salvador Bagnato (IFSC-USP)
Marcelo Takeshi Yamashita (IFT-UNESP)
Marcos Cesar de Oliveira (IFGW-UNICAMP)

www.quantumfluids2020.com



Supported by:



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