The workshop will address recent developments in the phase-coherent control of low-dimensional electron systems, focusing on the quantum information perspectives, many-body correlations, and topological effects. The aim of the workshop is to promote scientific discussion and collaboration among scientists working on mesoscopic physics, quantum information, many-body effects, and quantum metrology.

**Topics include:**

- Multiple quantum dots
- Quantum impurity problems
- Majorana fermions
- Quantum dot qubits
- Diamond NV center

To apply for participation in the Workshop, complete the online application form by May 15, 2018.

Accommodation costs and meals will be covered by PCS IBS. Limited funding is available to partially cover travel expenses.

For further information, please contact:
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Visitors Program, PCS IBS, Daejeon, Korea

We also offer fellowships (Ph.D., postdoctoral, sabbatical), as well as short- and long-term visitor positions — cf. pcs.ibs.re.kr