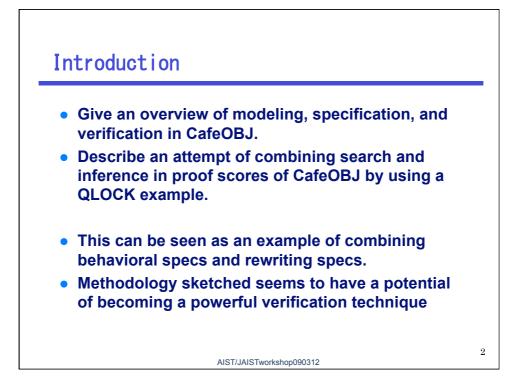
## Modeling, Specification, and Verification of QLOCK in CafeOBJ

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- 1. By understanding a problem to be modeled/ specified, determine several sorts of objects (entities, data, agents, states) and operations (functions, actions, events) over them for describing the problem
- 2. Define the meanings/functions of the operations by declaring equations over expressions/terms composed of the operations
- 3. Write proof scores for properties to be verified

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