



**Colloquium  
History of Science  
PUC-SP: 20 years  
31 July and 1 August 2017**

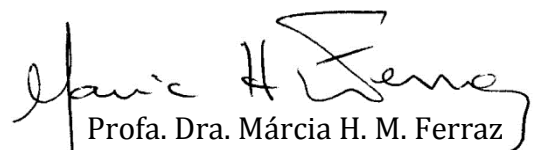
**Certificate of Participation**

Awarded to

**Itala d'Otaviano**  
Universidade Estadual de Campinas, Brazil

**For the oral presentation**

Title: Basic concepts for a general theory of self-organizing systems.

  
Prof. Dra. Márcia H. M. Ferraz  
On behalf of Organising Committee