



The logo for DIPC (Dipository Interbank Payment and Clearing Corporation) features the letters "dipc" in a bold, black, sans-serif font. The letter "i" has a red square as its top bar.

[dipc.ehu.es](http://dipc.ehu.es)

Universidad  
del País Vasco

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CAMPUS OF  
INTERNATIONAL  
EXCELLENCE

# DESIGNING ARTIFICIAL QUANTUM MATTER

**July 15 – 19, 2019**

# Palacio Miramar, Donostia-San Sebastián

## Keynote lectures by

**Alexander Altland (Cologne)**  
**Rainer Blatt (Innsbruck)**  
**Immanuel Bloch (Munich)**  
**Jacqueline Bloch (Paris)**  
**Tilman Esslinger (Zurich)**

**Steven Girvin (Yale)**  
**Hari C. Manoharan (Stanford)**  
**Cristiane Morais Smith (Utrecht)**  
**Ana Maria Rey (Boulder)**  
**Jonathan Simon (Chicago)**

**will cover**

- Cold Atoms
  - Trapped Ions
  - Photons
  - Electrons in engineered potentials
  - Superconducting Circuits

This multidisciplinary workshop aims to gather experts on different approaches to analog quantum simulation and to foster interaction and discussion between these communities.

We welcome submissions for contributed talks and poster presentations.

More information and registration: [dagm.dipc.org](http://dagm.dipc.org).

Deadline: April 15th, 2019

Registration fee: 350.- €.

## **Scientific Coordination:**

The logo for DIPC (Dipository Interbank Payment and Clearing) consists of the lowercase letters "dipc" in a bold, black, sans-serif font. The letter "i" has a small red square positioned above its vertical stroke.

ikerbasque

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Université libre de  
Bruxelles

Universität  
zu Köln



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Forschungszentrum

Ingmar Swart  
University of Utrecht