

IFIC Newcomers Fest 2021

Manuel Gessner

IFIC [online]

24/11/2021



TRAJECTORY



2011

University of Freiburg

Diplom (Licenciatura)

2015

PhD



2012-2013

University of California, Berkeley

Visiting PhD Student



2015-2018

CNR-INO / LENS, Florence

PostDoc



2018-2021

École Normale Supérieure, Paris

Junior Research Chair



since 2021

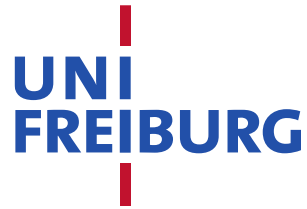
ICFO-Institut de Ciències Fotòniques

Research Fellow

"La Caixa" Junior Leader

Proyecto JIN

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VNIVERSITAT
DE VALÈNCIA

July 2022

UV, IFIC

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RESEARCH



Quantum information theory

Quantum correlations

Detecting and quantifying entanglement

Quantum metrology

Improving the precision of measurements
using quantum strategies

RESEARCH



Quantum information theory

Quantum correlations

Detecting and quantifying entanglement

Quantum metrology

Improving the precision of measurements using quantum strategies

and its applications

Theory of open quantum systems

Superresolution imaging

Ultracold atoms

Trapped ions

Interferometry

Quantum many-body systems

Quantum optics

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