

ALBA II - Workshop on 2D materials and synchrotron radiation

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, 12 April 2021 09:00 (10 minutes)

Presenters: BISCARI, Caterina; ATTENKOFER, Klaus

Session Classification: Session I

Contribution ID: 2

Type: **not specified**

Strain engineering in 2D materials

Monday, 12 April 2021 09:10 (30 minutes)

Presenter: Dr CASTELLANOS, Andrés (Instituto de Ciencia de los Materiales de Madrid - CSIC)

Session Classification: Session I

Contribution ID: 3

Type: **not specified**

Amorphous 2D materials

Monday, 12 April 2021 09:40 (30 minutes)

Presenter: Prof. ROCHE, Stephan (Catalan Institute of Nanoscience and Nanotechnology-ICN2)

Session Classification: Session I

Contribution ID: 4

Type: **not specified**

Switching magnetic molecules on 2D materials

Monday, 12 April 2021 10:10 (30 minutes)

Presenter: Prof. CORONADO, Eugenio (Instituto de Ciencia Molecular (ICMol) - Univ. Valencia,)

Session Classification: Session I

Contribution ID: 5

Type: **not specified**

Magnons in magnetic 2D materials

Monday, 12 April 2021 10:40 (30 minutes)

Presenter: Prof. FERNÁNDEZ-ROSSIER, Joaquin (International Iberian Nanotechnology Laboratory (INL), Braga, Portugal)

Session Classification: Session I

Contribution ID: 6

Type: **not specified**

Revealing intrinsic XY-type magnetism in the 2D limit: The case of monolayer CrCl₃

Monday, 12 April 2021 11:30 (30 minutes)

Presenter: Dr BEDOYA , Amilcar (Max-Planck Institute of Microstructure Physics, Halle, Germany)

Session Classification: Session II

Contribution ID: 7

Type: **not specified**

Structural, electronic and magnetic properties of 2D transition metal dichalcogenides

Monday, 12 April 2021 12:00 (30 minutes)

Presenter: Dr CORAUX, Johann (Institut Néel, CNRS, Grenoble, France)

Session Classification: Session II

Contribution ID: 8

Type: **not specified**

Electronic properties of 2D transition-metal dichalcogenide ternary alloys

Monday, 12 April 2021 12:30 (30 minutes)

Presenter: Dr PIERUCCI, Debora (Centre for Nanoscience and Nanotechnology (C2N) - CNRS - Université Paris Saclay, France)

Session Classification: Session II

Contribution ID: 9

Type: **not specified**

ALBA ARPES capabilities for investigating 2D materials

Monday, 12 April 2021 13:00 (15 minutes)

Presenter: Dr TALLARIDA, Massimo (ALBA-CELLS)

Session Classification: Session II

Contribution ID: **10**

Type: **not specified**

ALBA XMCD capabilities for investigating 2D materials

Monday, 12 April 2021 15:00 (15 minutes)

Presenter: Dr GARGIANI, Pierluigi

Session Classification: Session III

Contribution ID: **11**

Type: **not specified**

ALBA PEEM capabilities for investigating 2D materials

Monday, 12 April 2021 15:15 (15 minutes)

Presenter: Dr NIÑO ORTI, Miguel Angel

Session Classification: Session III

Contribution ID: **12**

Type: **not specified**

2D materials at ICN2

Monday, 12 April 2021 15:30 (25 minutes)

Presenter: Prof. MUGARZA, Aitor (Catalan Institute of Nanoscience and Nanotechnology (ICN2))

Session Classification: Session III

Contribution ID: **13**

Type: **not specified**

Roundtable

Monday, 12 April 2021 16:00 (1 hour)

Session Classification: Roundtable

Contribution ID: **14**

Type: **not specified**

Closure

Monday, 12 April 2021 17:00 (5 minutes)

Session Classification: Roundtable