

Multifunctional materials and structures

Nanotechnologies and advanced materials;

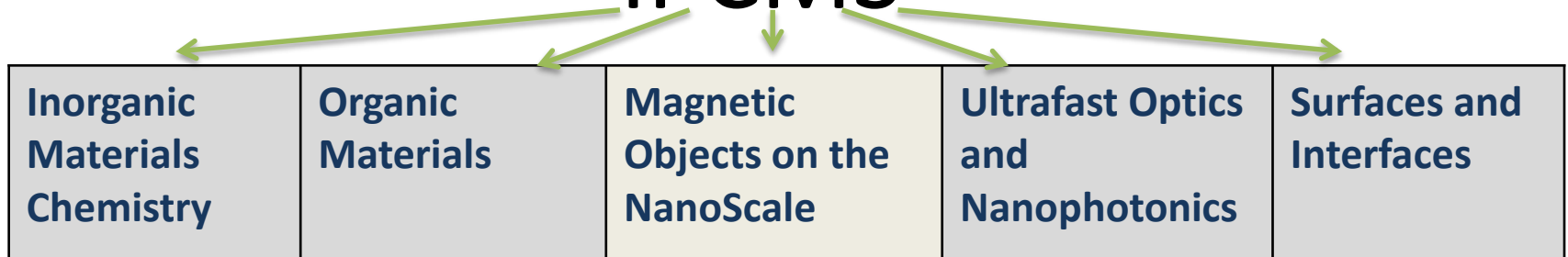
Thematic brokerage workshops

EU Brokerage Event on Kets in Horizon 2020

Strasbourg, 17 October 2017

Who we are – Institute of physics and chemistry

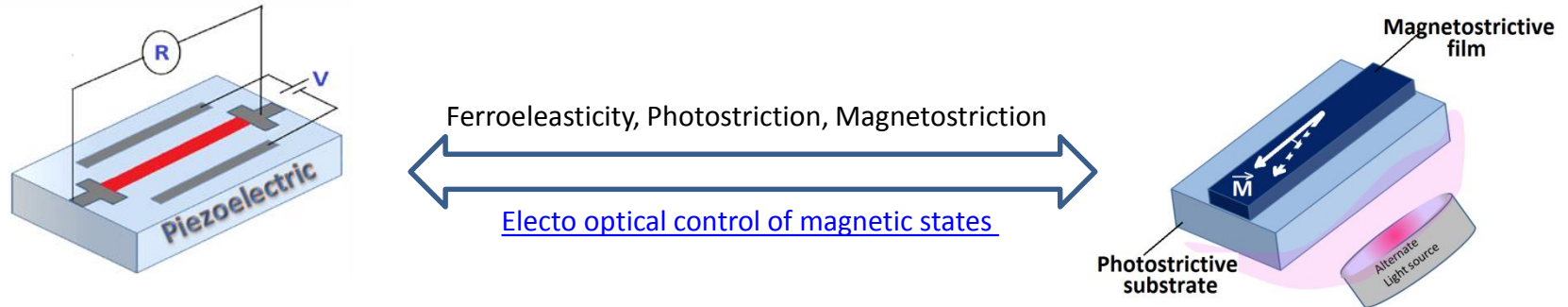
IPCMS



- Skills and expertise: Multiferroics and magnetic structures
- Past experience in EU-funded projects: Non

Our project idea:

Photo- and electro- elasticity in magnetism



[Electric writing of magnetic states](#)
[J. Phys.: Condens. Matter](#) 26 292202 (2014)

[Photostrictive materials,](#)
[Appl. Phys. Rev.](#) 2, 011301 (2015)

- Why expected it to be successful?

Electroelastic writing works, photostriction exists

- We can offer: Measurements($R, M(H, h\nu, T, E)$)
- Request from partners: Materials, structures.

Consortium

Known partners / Competence offer

Name	Type	Country	Role in the project
Sheffield University	public	UK	Magnetoelastic films
Potsdam University	public	Germany	Ultrafast strain measurements, Synchrotron

Partner search

Profile	Type	Country	Role in the project
Solid state physics	Public, Private	EU/Japon	Preparation of photostrictive materials, Preperation of magnetoelastic films, Preparation of TMR structures

--	--	--	--

Contact details

Contact person	Dr. B. Kundys
Organisation	Institute of physics and chemistry of Strasbourg
Adress	23 rue du Loess, 67034, Strasbourg, France
Phone nr	+33 (0)3 88 10 70 74
E-mail	bohdan.kundys@ipcms.unistra.fr