

# 1st FunMAX WORKSHOP 2020

An international ONLINE workshop on the properties  
of Functional MAX Materials



August 10 - 12, 2020



Kirensky Institute of Physics  
Krasnoyarsk, Russia

The first FunMAX workshop aims at bringing together scientists from different areas in materials science interested in the physical properties of MAX phases (nano-laminated structures consisting of layers of d-elements (M), group IV elements (A) and carbon or nitrogen or boron (X)).

We kindly invite experimental and theoretical research contributions related to functional fundamental phenomena as well as design, properties and applications of MAX and MX materials.

The 1st FunMAX 2020 workshop will include a maximum of 20 oral presentations (Invited, contributed and tutorial) and plenty of time for online discussions.

## Topics

MAX phase materials  
Synthesis (bulk, thin films)  
Electrical and Thermal Transport  
Optical Spectroscopy  
Mechanical and chemical properties  
Magnetic MAX phases  
Superconducting MAX phases  
Measurement Techniques  
2D Materials: MXenes  
Tutorials

## Invited speakers

Michel Barsoum (USA)  
Daniel Bürgler (Jülich, Germany)  
Christina Birkel (ASU, USA)  
Sergei Lyashenko (Kirensky, Russia)  
Maxim Molochev (Kirensky, Russia)  
Hanna Pazniak (Poitiers, France)  
Anna Semisalova (UDE, Germany)  
Anton Tarasov (Kirensky, Russia)  
Ulf Wiedwald (UDE, Germany)  
Hongbin Zhang (TUDA, Germany)

The registration is open on the website

<http://kirensky.ru/en/lab/laboratory-of-magnetic-max-materials/1stfunmax>

ZOOM links will be sent to registered participants only.