



# MT27, 27th International Conference on Magnet Technology

## Wednesday, 17 November 2021

### WED-PO2-306 Resistive and Pulsed High-Field Magnets (10:30 - 12:30)

[id] title	presenter	board
[970] Energy efficiency of resistive high field magnets – the role of magnet technology and power supply operation	PAILLOT, Kévin	
[987] Toward energy-efficient multi-step electromagnetic forming process by using a curved-geometry field shaper: Principle, Prototype Design, and Experiments	Mr ZHANG, Zixuan	
[867] The research on the thermal deformation of Cu-Nb composites	Mr WANG, pengfei	
[309] Design of a new type of power supply similar to flat-top pulsed high magnetic fields	FEI, Wei	
[537] Long Time Thermal Stability and Radiation Resistance of Nanostructured Microcomposite Wires Based on Cu-Nb Alloy	Prof. PANTSYRNY, Viktor	
[591] Microanalysis of Glidcop® conductor, an alumina particle dispersion strengthened copper, for ultrahigh field pulsed magnet applications	Dr LU, Jun	
[988] Toward flexible coil design for electromagnetic forming of both sheet and tubular metal by combining of coil and field shaper: Principle, Optimization, and Experimental validation	LI, Meng	
[995] Relaxation of residual stress in the aluminum alloy ring by electromagnetic bulging method	Dr LI, Xiaoxiang	
[1011] Numerical simulation and experimental study on the composite process of electromagnetic and electro-hydraulic tube forming	ZHANG, Yi	
[1016] Design of Pulsed Magnet for Adjusting the Residual Stress Field in Large-size Aluminum Alloy Rings	TANG, Yinghao	
[1029] Design of an Active Power Compensator for 60T Flat-top High Magnetic Field System	LI, Dake	