

- *Technical Programme* -

17th September - Sunday

17:00 – 19:00	Registration and Welcome party
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18th September - Monday

9:05 – 9:15	Opening ceremony
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room 209	Session M1 – Magnetic materials
pp.15÷18	<i>Chairman: Elemír Ušák</i>

9:15 – 9:30 Galdun L., Ryba T., Prida V. M., Zhukova V., Zhukov A., Vargová Z., Varga R. **M1.1**

Structural and magnetic properties of Co₂FeSi glass coated microwire

9:30 – 9:45 Sláma J., Paľa J., Šoka M., Lokaj J. **M1.2**

Metamagnetism in manganate magnesium ferrite

9:45 – 10:00 Kapusta O., Zeleňáková A., Zeleňák V. **M1.3**

Magnetic properties of iron oxide nanoparticles measured by SQUID magnetometry

10:00 – 10:15 Kachniarz M., Salach J. **M1.4**

Magnetoelastic effect in axial stressed Ni-Zn ferrite material in rayleigh region

10:15– 10:40	Coffee break
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room 209

Session M2 – Strain and magnetostriction

pp.19÷23

Chairman: Pavel Ripka

10:40 – 10:55 Chmielewski M., Piotrowski L. **M2.1**

Application of the Barkhausen effect probe with adjustable magnetic field direction for stress state determination in the welded P91 steel pipe

10:55 – 11:10 Daisuke Wakabayashi, Masato Enokizono **M2.2**

Measurement of two-dimensional magnetostriction under vector magnetic characteristics

11:10 – 11:25 Pfützner H., Shilyashki G., Windischhofer A., Trenner G., Giefing M. **M2.3**

Printed detector bands for measurements of magnetostriction in core interior of laminated machines

11:25 – 11:40 Frolova L., Ryba T., Shylenko O., Milkovic O., Diko P., Kavecansky V., Kravcak J., Vargova Z., Varga R. **M2.4**

Ni₂FeGa magnetic sensors for large strain sensing

12:00 – 13:30 Lunch

room 209

Session T2 – Measurement techniques I

pp.54÷59

Chairman: Georgi Shilyashki

10:50 – 11:05 Ulvr M., Kupec J.

T2.1

Verification of the low- μ indicator standard inserts

11:05 – 11:20 Daisuke Wakabayashi, Masato Enokizono

T2.2

Measurement system of local vector magnetic characteristics on magnetic core

11:20 – 11:35 Mohachiro Oka, Masato Enokizono

T2.3

Evaluation of frame-induced compressive stress on the magnetic properties of the stator core using the excitation inner core method

11:35 – 11:50 Draxler K., Styblíková R.

T2.4

Demagnetization of instrument transformers before calibration

12:00 – 13:30 Lunch

room: 209

Session T3 – Magnetic measurements in steels

pp.60÷63

Chairman: Gabor Vértesy

13:30 – 13:45 Stöcker A., Schneider J., Franke A., Kawalla R.

T3.1

Quantification of the effect of texture on the magnetization behavior

13:45 – 14:00 Yuichiro Kai, Masato Enokizono

T3.2

Stress vector magnetic property measurement system