

**Session Program**

**20-25 Sept 2021**

**LXXI International conference "NUCLEUS -  
2021. Nuclear physics and elementary  
particle physics. Nuclear physics  
technologies"**

***Section 6. Plasma physics and thermonuclear  
fusion.***

# Monday 20 September

17:15

## Section 6. Plasma physics and thermonuclear fusion.

Session | Convener: Nikolai Maltcev

17:15–17:40

### ON THE POSSIBILITY OF OBSERVING THE STIMULATED DE-EXCITATION OF THE NUCLEAR ISOMER $^{186\text{m}}\text{Re}$ IN THE PLASMA OF Z-PINCH AT THE ANGARA-5-1 FACILITY

**Speaker**

Vladimir Koltsov

17:40–18:05

### Plasma shielding effects on nuclear spectra: $^{18}\text{Ne}$ application

**Speaker**

Serkan Akkoyun

18:05