



KEMIJSKI INŠTITUT

Vabilo na Forum40 / Invitation to the Forum40

dr. Barbara Zupančič

D01, Theory Department

Četrtek / Thursday, 8. 6. 2023 ob / at 13:00

Velika predavalnica Kemijskega inštituta / Great Lecture Hall

WEBEX

<https://ki-ljubljana.webex.com/ki-ljubljana/j.php?MTID=mc324abaa8ce5bc0a0bcfdc5d82a731ad>

Join by webinar number (access code): 2734 371 0030

Webinar password: i7xPEWfJG56

Vibrational spectroscopy paving its way into medical practice

Vibrational spectroscopy techniques are considered particularly promising in overcoming numerous drawbacks of histological analysis, traditionally used for examination of biological tissue. In this framework, we have studied skeletal muscle samples from healthy human donors and diabetic patients using infrared spectroscopy. We have shown that the method allows detailed identification of the macromolecular composition of the tissue and has several advantages over histochemical assays.

The presentation will be enriched by the medical aspect presented by the guest researcher, doc. dr. Nejc Umek, dr. med. from the collaborating institution, the Institute of Anatomy, Faculty of Medicine, University of Ljubljana.



Vljudno vabljeni / Kindly invited