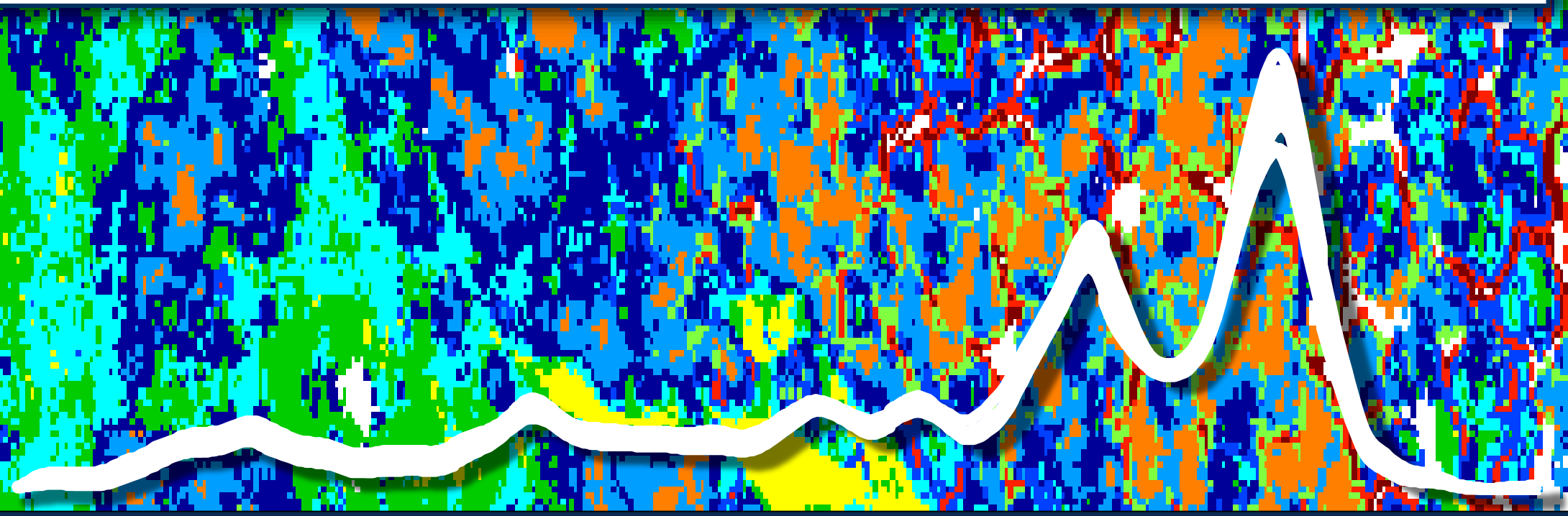




TECHNISCHE
UNIVERSITÄT
DRESDEN

Universitätsklinikum
Carl Gustav Carus

Baltisch-Deutsches
HOCHSCHULKONTOR
BALTI-SAKSA KÖRGGKOOLOIDE BÜROO BALTIJAS-VÄCIJAS AUGSTSKOLU BIROJIS BALTIJOS ŠALIŲ IR VOKIETIJOS AUKŠTŲJŲ MOKYKLŲ BIURAS



Invitation to the workshop:

Spectroscopy in cancer research

Discussion of research results, methods and future projects

Networking and initiation of new ideas and research

01. October 2024

2 pm to 5 pm | Vilnius University, Faculty of Physics

National Center for Physical Sciences and Technology Sauletekio av. 3, Room B336

Everyone is welcome

Participation is free of charge

Mitglied im Netzwerk von:



Universitätsklinikum
Carl Gustav Carus
DIE DRESDNER.



Wilhelm Sander Stiftung
Partnerin der Krebsforschung

Spectroscopy in cancer research

Agenda:

2:00-2:10 pm	Opening & Introduction Prof. Dr. Valdas Šablinskas Vilnius University
2:10-2:15 pm	Greetings & welcome Ieva Pranka Baltic-German University Liaison Office
2:15-2:35 pm	Two decades of optical molecular spectroscopy in medicine - where are we and what needs to be done? Prof. Dr. Gerald Steiner TU Dresden
2:35-3:00 pm	Molecular spectroscopy in neurosurgery – progress and prospects Prof. Dr. med. Matthias Kirsch Hospital Chemnitz and TU Dresden
3:00-3:25 pm	Why fiber optic molecular spectroscopy in visceral surgery? Dr. med. Christian Teske, LL.M. University Hospital Dresden
3:25 pm	<i>Break</i>
3:45-4:10 pm	Tumorous tissue identification by means of fiber based ATR IR spectroscopy Doc. Rimante Bandzevičiūtė Vilnius University
4:10-4:30 pm	SEIRA approach for measuring infrared absorption spectra of biological tissues with fiber probe Sonata Adomavičiūtė-Grabusovė Vilnius University
4:30-4:40 pm	Summarising remarks, outlook Prof. Dr. Gerald Steiner TU Dresden
	<i>Joint conclusion of the workshop</i>

Moderation: Prof. Dr. Valdas Šablinskas | Vilnius University

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