



Bogolyubov Institute for Theoretical Physics
of the NAS of Ukraine



**The 3rd AUSTRO—
UKRAINIAN SEMINAR**
*dedicated to the 90th anniversary of
the outstanding Austrian
theoretician*

Wolfgang KUMMER

ARTICLE Ukr. J. Phys.: <https://surl.li/etcfub>

(1935 – 2007)

July 4, 2025

hybrid online-offline mode in the Conference Room 322

Zoom-link: <https://us06web.zoom.us/j/99542367221?pwd=L2c4MDFkQ0ZUaEM1LzhBZlhfNXdCUT09>

ID: 856 8254 2999

Password: 301380

PROGRAM

(Kyiv Time, Vienna Time is one hour earlier)

13.30	OPENING
13.35 14.15	Hartmut ABELE (TU Wien, Austria), Stepan Moskaliuk (BITP, Ukraine) “Categorical equivalence of the effective field theories of neutron decay”
14.15 15.15	Daniel Grumiller (TU Wien, Austria) “Wolfgang Kummer's pioneering approach to 2d dilaton gravity”
15.15 (20 min)	BREAK
15.35 16.25	Sergei Sharapov (BITP, Ukraine) “Harnessing the Sagnac Effect: The Efficiency of Graphene-Based Interferometers”
16.25 17.15	Volodymyr Gorkavenko (KNU, Ukraine) “Vacuum polarization effects in bosonic field theory caused by linear magnetic topological defects”
17.15 18.15	A movie about Wolfgang Kummer