


## Wilhelm and Else Heraeus Physics Dissertation Prize Colloquium 2020

Heinrich-Heine-University Düsseldorf

October 8<sup>th</sup>, 2 – 5 pm

online public attendance is welcome via Cisco WebEx (\*) by clicking on

<https://hhu.webex.com/>

R. Hentschke/ H. Löwen	Introductory Remarks		<b>14:00</b>
Vural Kaymak	Ultrahigh Energy Density Physics and Ion Acceleration in Nano- and Microstructures		<b>14:15</b>
Lukas Varnhorst	Nucleon Sigma Terms: From the Proton Mass to Dark Matter Detection		<b>15:00</b>
	<b>SHORT INTERMISSION</b>		<b>15:45</b>
Liubov Poshyvailo	Lagrangian Simulation of Stratospheric Water Vapour: Impact of Large-Scale Circulation and Small- Scale Transport Processes		<b>16:00</b>
Norman Gundlach	Modeling Filler Flocculation in Elastomers – an Approach Based on Surface Free Energies and Monte Carlo Simulation		<b>16:45</b>
	<b>JURY MEETING</b> (closed to the public)		<b>17:30</b>

**Organisation:** M. Getzlaff (HHU), R. Hentschke (BU; hentschk@uni-wuppertal.de), F. Knechtli (BU), H. Kampermann (HHU), H. Löwen (HHU), J. Rautenberg (BU), A. Seidel (HHU), M. Weitz (BU)

(\*) Questions may be entered into the CHAT and will be conveyed to the speakers as time permits.  
Meeting-Kennnummer (Zugriffscod): 121 647 3610 Meeting Passwort: Tah45Pm4gY9