

lädt ein

gemeinsam mit der Gesellschaft
Deutscher Chemiker
zum

Vortrag

von Herrn

Prof. Dr. Henry Dube
*Chair of Organic Chemistry I
Department Chemistry and
Pharmacy*
**Friedrich-Alexander-
Universität Erlangen-
Nürnberg**



**“Indigoid
chromophores – a
platform for light
responsive
nanosystems and
molecular machines”**

am: Donnerstag, 11.12.2025

um: 09:30 Uhr

WO: im Raum A12.232

Gäste sind herzlich willkommen!



Prof. Dr. Henry Dube

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**“Indigoid chromophores – a platform for light responsive
nanosystems and molecular machines”**

The concept of miniaturization promises almost unlimited possibilities for the development of advanced and futuristic technology. Be it smart materials, nanomedicine or even artificial life – for all these areas synthetic chemistry is the ultimate foundation. In this lecture research on molecular machines will be the central topic to answer one fundamental question: how can one miniaturize mechanical processes and how can such nanoscalar processes be controlled and applied? To this end conceptual ideas spanning synthetic organic, physical, photo, and supramolecular chemistry will be explored while rediscovering the colorful chemistry of the late 19th and early 20th century.

