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## Universal Cryogenic Moderator for Research Neutron Sources of Any Power and Intensity

*Thursday, 29 May 2025 11:30 (20 minutes)*

For the first time, the author proposed the concept of a new direction in the field of cold (cryogenic) neutron moderators for research neutron sources of low, medium and high power and intensity, which is based on the use of a universal cryogenic neutron moderator based on hydrocarbons. It is shown that the successful development of fundamentally new methods, installations, devices and facilities in the field of this direction will make it possible to get high-intensity beams of cold neutrons based on any research neutron source.

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