

ISINN-26 Xi'an, China May 28th-June 1st, 2018

<http://www.isinn26.cn>

26th International Seminar on

Interactions of Neutrons with Nuclei

Fundamental Interactions & Neutrons, Nuclear Structure,
Ultracold Neutrons, Related Topics

Topics:

- Fundamental properties of the neutron;
- Fundamental interactions & symmetries in neutron induced reactions;
- Properties of compound states, nuclear structure;
- Intermediate and fast neutron induced reactions;
- Gamma-decay of excited states;
- Nuclear fission;
- Neutron data for applied and scientific purposes;
- Methodical aspects;
- Physics of ultra-cold neutrons (UCN);
- Nuclear and related analytical techniques in the environmental and material sciences;
- ADS studies;
- Neutron detection;
- Neutron radiation effect;
- Nuclear reactors;
- Radiation transportation and simulation.

Honorary Chairmen:

Walter Furman (JINR, RUSSIA)
Wang Naiyan (Academician of CAS, CIAE, CHINA)

Co-Chairmen:

Hei Dongwei (NINT, CHINA)
Wang Sheng (XJTU, CHINA)
Valery Shevtsov (JINR, RUSSIA)

Organizing Committee Members:

Egor Lychagin (JINR, RUSSIA) Hu Huasi (XJTU, CHINA)
Qiu Mengtong (NINT, CHINA) Song Zhaohui (NINT, CHINA)
Wang Sheng (XJTU, CHINA) Weng Xiufeng (NINT, CHINA)

Organizers:



ISINN-26

Xi'an, China, May 28th-June 1st, 2018



26-th International Seminar
on Interaction of Neutrons with Nuclei:
«Fundamental Interactions & Neutrons, Nuclear Structure,
Ultracold Neutrons, Related Topics»

<http://www.isinn26.cn>

<http://isinn.jinr.ru>

FRANK LABORATORY OF NEUTRON PHYSICS, JINR, RUSSIA
THE STATE KEY LABORATORY OF INTENSE PULSED RADIATION SIMULATION
AND EFFECT, NINT, CHINA
SHAANXI KEY LABORATORY OF ADVANCED NUCLEAR ENERGY AND
TECHNOLOG, XJTU, CHINA

1st circular

ISINN-26

The Frank Laboratory of Neutron Physics (FLNP) of the Joint Institute for Nuclear Research (JINR), the State Key Laboratory of Intense Pulsed Radiation Simulation and Effect (SKLIPRSE) of Northwest Institute of Nuclear Technology (NINT), and Shaanxi Key Laboratory of Advanced Nuclear Energy and Technology (SKLANT) of Xi'an Jiaotong University (XJTU) are co-organizing the 26-th International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-26).

ISINN-26 continues the tradition of the FLNP annual workshops and seminars in the field. It will be held from May 28th to June 1st, 2018 in Xi'an, capital city of Shaanxi Province of China. The expected number of participants is about 150.

PROGRAM PROFILE:

- Fundamental properties of the neutron;
- Fundamental interactions & symmetries in neutron induced reactions;
- Properties of compound states, nuclear structure;
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- Nuclear reactors;
- Radiation transportation and simulation.

The Seminar language is ENGLISH.

The Advisory Committee was formed to provide the best level of discussions on the seminar program. The preliminary program of the seminar is below.

REGISTRATION FEE

The **REGISTRATION FEE** of ¥3000 RMB for participants and ¥2200 RMB for accompanying persons includes lunch, dinner, tea break, reception banquet, and a copy of Seminar proceedings. The registration fee is due to payment IN CASH or CARD at the registration or on line.

The Organizing Committee has very limited funds for financial support on personal requests (preference will be given to young scientists).

SEMINAR INFORMATION

Three types of presentations are supposed: invited talks, oral contributions and posters. Authors are requested to indicate their preferred presentation (oral or poster) and answer the questions contained in the web registration form. Foreign participants are asked to notify Dr. Xiufeng Weng (nandswk@163.com) of their VISA requirements and arrival/departure details.

The ISINN-26 proceedings (eight pages per contribution) will be published by the JINR Publishing Department. The Organizing Committee has a limited number of copies left to be sent on request.

One-page ABSTRACTS will be published by the beginning of the Seminar. Authors should prepare their abstracts according to the instructions at the Seminar website and submit it on the website or e-mail it (in any printable format) before Mar. 15th, 2018 to Dr. Zhaohui Song (isinn26@163.com)

ORGANIZING COMMITTEE

Honorary Chairmen:

Walter Furman (JINR, RUSSIA)

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Wang Sheng (XJTU, CHINA)

Hu Huasi (XJTU, CHINA)

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Carjan Nicolae	JINR	Russia
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Duliu Oktavian	Bucharest University	Romania
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第 26 届中子与核相互作用国际研讨会

【第一轮通知】

中子与核相互作用国际研讨会(ISINN)是中子研究领域重要的国际性学术会议，由俄罗斯联合核研究所(JINR)弗兰克中子物理实验室于 1993 年发起，主要围绕中子与核相互作用学科问题开展研讨交流，了解世界范围内中子学科研究的现状及进展，研讨未来发展方向，推动中子学研究技术的发展，促进合作交流。

2018 年第 26 届中子与核相互作用国际研讨会将由俄罗斯联合核研究所(JINR)弗兰克中子物理实验室、西北核技术研究所强脉冲辐射环境模拟与效应国家重点实验室、西安交通大学陕西省先进核能技术重点实验室联合举办，西北核技术研究所强脉冲辐射环境模拟与效应国家重点实验室、西安交通大学陕西省先进核能技术重点实验室共同承办。会议议定于 2018 年 5 月 28 日至 6 月 1 日在陕西省西安市召开，热忱欢迎从事中子学基础科学研究、核反应堆和白光中子源应用研究、中子分析技术研究、中子探测技术、中子辐射效应及其他与中子学相关的科技工作者参加。凡未在国内学术刊物和会议上发表过的论文，经过各单位保密审查后均可投稿。会议论文摘要将汇编成册，征文的具体要求见第二轮通知。

为便于各单位组织参会，现将会议有关事项通知如下：

一、会议时间：2018 年 5 月 28 日至 6 月 1 日(28 日报到)

二、会议地点：陕西省西安市

三、会议议题

- ❖ 中子基本特性;
- ❖ 中子诱发核反应基本作用与对称性;
- ❖ 复合状态、核结构的特性;
- ❖ 中能中子与快中子诱发核反应;
- ❖ 激发态伽马射线衰变;
- ❖ 核裂变;
- ❖ 中子核数据;
- ❖ 方法方面;
- ❖ 超冷中子物理;
- ❖ 在环境和材料科学中的核及其相关分析方法;
- ❖ ADS研究;
- ❖ 中子探测;
- ❖ 中子辐射效应;
- ❖ 核反应堆;
- ❖ 辐射输运与模拟。

四、重要日期

(1)第一轮会议通知: 2018年1月1日;

(2)第二轮会议通知: 2018年4月1日;

(3)会议注册及摘要日期: 2018年1月1日-2018年3月15日;

五、会议组织

主办单位:

俄罗斯联合核研究所弗兰克中子物理实验室

西北核技术研究所强脉冲辐射环境模拟与效应国家重点实验室

西安交通大学陕西省先进核能技术重点实验室

承办单位:

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西安交通大学陕西省先进核能技术重点实验室

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大会主席: 黑东炜, 王盛, Valery Shevtsov

组织委员会委员:

Egor Lychagin, 邱孟通, 王盛, 胡华四, 宋朝晖, 翁秀峰

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