

# International Webinar

On

## Lithosphere of the Fennoscandian and the Indian Shields: formation from Archean to Recent

**24-25 February, 2021**

Organized by



**Department of Geology  
Bundelkhand University,  
Jhansi, U.P., India**



**Institute of Geology, Karelian Research  
Centre, Russian Academy of Sciences,  
Petrozavodsk, Russia**

### Patrons, Keynote Speakers and Organizers

Patrons:



Prof. J.V. Vaishampayan  
Vice Chancellor,  
Bundelkhand University,  
Jhansi, India



Dr. Sergei Svetov  
Director, IGKRC, RAS,  
Petrozavodsk, Russia



Prof. M.M. Singh  
Dean Science,  
Bundelkhand University,  
Jhansi, India

Speakers:



Prof. M. Jayananda  
India



Dr. P. Hölttä  
Finland



Prof. H.B. Srivastava  
India



Prof. S.K. Baltybaev  
Russia



Prof. Rajesh Srivastava  
India



Prof. N. Sharov  
Russia



Prof. Santosh Kumar  
India



Prof. Tatiana Kaulina  
Russia



Prof. M.E.A. Mondal  
India



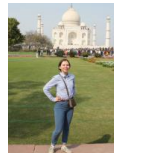
Dr. P.V. Medvedev  
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Dr. Vijay Rao  
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A.A. Lebedev  
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Dr. N. S. Nesterova  
Russia



Dr. Azhar Shaikh  
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O.A. Maksimov  
Russia



Dr. Parampreet Kaur  
India



Prof. Vinod K. Singh  
India



Prof. Alexander Slabunov  
Russia

**Zoom Conference LINK for online presentation:**

**24 February**

To be connected to the Zoom conference

<https://zoom.us/j/96743260773?pwd=bXBvcUFFVkk2UnJ4Nm12Nmgyd3BBUT09>

Identifier of conference: 967 4326 0773

Access code: geo014641

**25 February**

To be connected to the Zoom conference

<https://zoom.us/j/92750948875?pwd=NINVSExOLzNDdIVOZUdhVGZydXJZUT09>

Identifier of conference: 927 5094 8875

Access code: geo167632

**CALL FOR MANUSCRIPTS:**

Full papers will publish in a reputed international journal/ publisher after peer review. Therefore, please provide the layout of the manuscript as early after the event, so that we submit proposal for special issue to a high impact SCI journal.

**TIME SCHEDULE**

<b>Day – 1: 24 February 2020</b>			
<b>Inaugural Session</b>			
S. No.	Indian (Moscow) Standard Time	Name and address	Topic
1	12:30 – 12:40 (10:00 – 10:10)	<b>Prof. J.V. Vaishampayan</b> Vice Chancellor Bundelkhand University, Jhansi, India	Inaugural address to participants
2	12:40 – 13:00 (10:10 - 10:30)	<b>Dr. Sergei Svetov,</b> Director, Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk, Russia	Highlights on MOU between Bundelkhand University, Jhansi, India and Institute of Geology, KRC, RAS, Petrozavodsk Russia
3	13:00 – 13:20 (10:30- 10:50)	<b>Prof. M. Jayananda</b> Centre for Earth, Ocean and Atmospheric Sciences, University of Hyderabad, Hyderabad, India	Early earth dynamics, continental growth and craton formation: Insights from the Dharwar craton, southern India
4	13:20 – 13:30 (10:50 – 11:00)	<b>Prof. Vinod Singh</b> Department of Geology, Bundelkhand University, Jhansi, India	Vote of thanks & Brief outline about the Scientific session of the Webinar

**Day – 1: 24 February 2021****Scientific Session**

5	13:35 – 13:55 (11:05-11:25)	<b>Prof. Alexander Slabunov</b> Institute of Geology, Karelian Research Centre, RAS, Russia	Crustal evolution of Archean and Proterozoic Orogens: for example of Fennoscandian Shield
6	13:55 – 14:15 (11:25 -11:45)	<b>Prof. Rajesh Srivastava</b> Department of Geology, Banaras Hindu University, Varanasi, India	Spatial and temporal distribution of Large Igneous Provinces in the Indian Shield and their likely link to the Fennoscandian Shield
7	14:15 – 14:35 (11:45 – 12:05)	<b>Dr. Pentti Hölltä</b> Geological Survey of Finland, Espoo, Department of Geosciences and Geography, University of Helsinki Finland	Metamorphism and geodynamics setting of Paleoproterozoic Fennoscandian shield
8	14:35 – 14:55 (12:05 – 12:25)	<b>Prof. Shauket Baltybaev</b> Institute of Precambrian Geology and Geochronology, RAS, St.-Petersburg, Russia	Evolution of the suture zone of the Svecofennian orogen and Karelian craton
9	14:55 – 15:15 (12:25 -12:45)	<b>Dr. Azhar M. Shaikh</b> Department of Geology, University of Johannesburg, South Africa	Architecture at 1.1 Ga and later modification in the lithosphere beneath the Dharwar craton
10	15:15 – 15:35 (12:45 – 13:05)	<b>Dr. V. Vijay Rao</b> Chief Scientist (Retd.), National Geophysical Research Institute, Hyderabad, India	Structure and tectonics of the continental crust and lithospheric mantle of the Meso-Neoproterozoic Dharwar craton, Southern India
11	15:35 – 15:55 (13:05 – 13:25)	<b>Prof. H.B. Srivastava</b> Department of Geology, Banaras Hindu University, Varanasi, India	Small Scale Structures of the MCT Zone of Garhwal Himalaya, India
12	15:55– 16:15 (13:25 – 13:45)	<b>Prof. Santosh Kumar</b> Department of Geology, Kumaon University, Nainital, India	Paleoproterozoic magmatic components in the geodynamic evolution of Kumaon Lesser Himalaya and its implications on the nature of northern Indian lithosphere

**Day – 2: 25 February 2021****Scientific Session**

13	12:30 – 12:50 (10:00 –10:20)	<b>Dr. Sergei Svetov et al.,</b> Director, Institute of Geology, KRC, RAS, Petrozavodsk, Russia	Archean arc system of Karelian and Bundelkhand cratons
14	12:50 – 13:10 (10:20 – 10:40)	<b>Prof. M.E.A. Mondal</b> Department of Geology, Aligarh University, Aligarh, India	Aspects of Precambrian Crust Forming Processes of the Aravalli Craton, NW Indian Shield
15	13:10 – 13:30 (10:40 – 11:00)	<b>Dr. Parampreet Kaur</b> Department of Geology, Panjab University, Chandigarh, India	Archean crustal evolution of the Bundelkhand-Aravalli cratonic nuclei, northern India: Insights from zircon U-Pb ages and Lu-Hf isotope systematics of TTGs and granitoids
16	13:30 – 13:50 (11:00 – 11:20)	<b>Dr. Natalia Nesterova</b> Institute of Geology, Karelian Research Centre, RAS, Russia	Sm-Nd isotopic data for Neoproterozoic Granitoids of the Bundelkhand Craton (India) and crustal evolution
17	13:50 – 14:10 (11:20 -11:40)	<b>Oleg Maksimov</b> Institute of Geology, Karelian Research Centre, RAS, Russia	Archean and Paleoproterozoic eclogites from the Belomorian province, Fennoscandian shield and geodynamics setting

18	14:10 – 14:30 (11:40 – 12:00)	<b>Prof. Tatiana Kaulina</b> Geological Institute of the KSC RAS, Apatity, Russia	The Paleoproterozoic layered Jarva-varaka massif (Kola region of the northeastern Fennoscandian shield) as a probable astrobleme
19	14:30 – 14:50 (12:00 – 12:20)	<b>Dr. Pavel Medvedev</b> and others, Institute of Geology, Karelian Research Centre, RAS, Russia	Early Precambrian stromatolites of the Fennoscandian and the Indian Shields: comparison and geodynamic position
20	14:50 – 15:10 (12:20 – 12:40)	<b>Artem Lebedev</b> and Prof N.V. Sharov. Institute of Geology, KRC, RAS, Russia	Upper mantle inhomogeneities of the eastern part of the Fennoscandian shield
21	15:10 – 15:30 (12:40 – 13:00)	<b>Lubov Bakunovich</b> and others, Institute of Geology, KRC, RAS, Russia	Deep structure of the earth crust of the White Sea region
22	15:30 – 15:50 (13:00 – 13:20)	A. Slabunov & <b>Prof. Vinod Singh</b> Department of Geology, Bundelkhand University, Jhansi, India	Geodynamic processes in the Archean: examples from the Fennoscandian and Indian Shields
<b>Valedictory Session</b>			
23	15:50 (13:20)	Concluding remarks on the webinar <b>Prof. M.M. Singh</b> , Dean Science, Bundelkhand University, Jhansi, India	
24	16:00 (13:30)	Future prospects on the webinar theme <b>Dr. Sergei Svetov</b> , Director, Institute of Geology, KRC, RAS, Petrozavodsk, Russia	
25	16:10 (13:40)	Vote of Thanks <b>Prof. Vinod K. Singh</b> , Bundelkhand University, Jhansi, India	

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