

Директору ОИЯИ

академику РАН Г.В.Трубникову

от Пухаевой Нелли Ефимовны, снс,

сектор 1, РИС, НЭОТСТ на НИСА,

отделение 3, ЛФВЭ

### **ЗАЯВЛЕНИЕ**

Прошу Вас допустить меня к участию в выборах на замещение вакантной должности старшего научного сотрудника, сектор 1, РИС, НЭОТСТ на НИСА, отделение 3, ЛФВЭ.



15.07.2022г.

## Научная биография (Curriculum Vitae)

### PERSONAL INFORMATION

NELLI PUKHAEVA

Russia, Moscow region, Dubna, Leningradskaia strit, 55

+7 985 434 72 76

[pukhaeva@jinr.ru](mailto:pukhaeva@jinr.ru), [nelly.pukhaeva@gmail.com](mailto:nelly.pukhaeva@gmail.com)

### WORK EXPERIENCE

2015 – Present

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Senior Researcher

Joint Institute for Nuclear Research, Dubna, Moscow region, Russia

- Quark-gluon plasma study at NICA at JINR, Dubna via MPD experiment
- Implementation and solutions for interactive analysis of MPD data via GRID solutions
- DB of TPC of MPD detector, peds testing, water cooling system for TPC
- data analysis of BM@N experiment
- QCD study at FCC at CERN

2018- Present

Head of Information center of JINR in south of Russia at NOSU

- study gem for TPC of MPD
- organization of the international scientific schools at IC JINR

2012 – 2015

Advisor of Chairman of Government of North-Osetion Republic-Alania

Head of laboratory of Geo-information system at IGPh of VCC of RAN

### EDUCATION and TRAINING

1996

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Candidate of Physical and Mathematical Sciences

Joint Institute for Nuclear Research, Dubna, Russia

Thesis title: Study of Bose-Einstein correlations and f meson  
at DELPHI experiment at LEP

### PERSONAL SKILLS

Mother language(s)

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Russian, Osetian

Other language(s)

English, French, Italian, Georgian

Communication skills


- good communication skills gained in collaboration at LEP, LHC, JINR

Organizational/managerial skills – leading manager for analysis

- work with students at university in nuclear and particle physics

Job-related skills

- working on new technologies in physics and informatics

  
15.07.2022.

## Nelli Pukhaeva

### List of publications:

1. V. Abgaryan, ..., N.Pukhaeva et al.  
Status and initial physics performance studies of the MPD experiment at NICA  
MPD Collaboration, Feb 16, 2022, e-Print: [2202.08970](https://arxiv.org/abs/2202.08970) [physics.ins-det]
2. A. Bychkov, V. Kekelidze, N.Pukhaeva et al.  
Material Budget Study of the MPD Detector at the NICA Collider  
Published in: *Acta Physica Polonica B Proceedings Supplement* 14 (2021) 3, 511-514
3. Nelli Pukhaeva,  
FCC-ee and the CR effects  
Published in: *EPJ Web Conf.* 204 (2019) 05013, Contribution to: ISHEPP 2018
4. A. Abada, ... N.Pukhaeva, ...et al.  
HE-LHC: The High-Energy Large Hadron Collider : Future Circular Collider Conceptual Design Report Volume 4, FCC Collaboration, Published in: Eur.Phys.J.ST 228 (2019) 5, 1109-1382
5. A. Abada, ... N.Pukhaeva, ...et al.  
FCC-hh: The Hadron Collider : Future Circular Collider Conceptual Design Report Volume 3  
FCC Collaboration, Published in: *Eur.Phys.J.ST* 228 (2019) 4, 755-1107
6. A. Abada, ... N.Pukhaeva, ...et al.  
FCC-ee: The Lepton Collider : Future Circular Collider Conceptual Design Report Volume 2  
FCC Collaboration, Published in: *Eur.Phys.J.ST* 228 (2019) 2, 261-623
7. A. Abada, ... N.Pukhaeva, ...et al.  
FCC Physics Opportunities : Future Circular Collider Conceptual Design Report Volume 1  
FCC Collaboration, Published in: *Eur.Phys.J.C* 79 (2019) 6, 474
8. N.E. Pukhaeva  
Colour Reconnection in WW Events and the Models with It  
Published in: *Phys.Part.Nucl.Lett.* 15 (2018) 5, 492-498

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15.07.2022.