

# Physics of Neutron Stars 2017

## 50 years after

July 10 - July 14

St. Petersburg, Russia

### Topics:

- Rotation-powered pulsars
- Magnetars and high-B pulsars
- Multiwavelength observations
- Masses and radii of compact objects
- Supernova remnants
- Compact Central Objects
- Thermally emitting neutron stars
- Accreting neutron stars
- Gravitational wave signals
- Neutron star evolution
- Pulsar wind nebulae
- X-ray bursts
- Fast radio bursts
- Equation of state
- Supernovae and more...

### Invited Speakers:

- Andrea De Luca
- Pawel Haensel
- Jason Hessels
- Oleg Kargaltsev
- Martin Obergaulinger
- Alessandro Patruno
- Alexander Philippov
- Juri Poutanen
- Samar Safi-Harb
- Patrick Slane
- Roberto Turolla

### Special guest:

Dick Manchester

### Scientific Organizing Committee:

- |               |                 |
|---------------|-----------------|
| V.S. Beskin   |                 |
| D.G. Yakovlev | M.R. Gilfanov   |
| G.G. Pavlov   | C.O. Heinke     |
| V.M. Kaspi    | S. Mereghetti   |
| N. Rea        |                 |
| D.R. Lorimer  | S.B. Popov      |
| J.A. Pons     | R.W. Romani     |
|               | J. Poutanen     |
|               | M. van der Klis |

### Local Organizing Committee:

- |                  |                |                   |
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|                  | S.A. Balashev  | D.M. Beronya      |
| A.A. Danilenko   | A.I. Chugunov  | M.E. Gusakov      |
|                  | V.A. Dommes    | A.D. Kaminker     |
| O.A. Goglichidze | Yu.A. Uvarov   | E.M. Kantor       |
| A.Y. Potekhin    | A.V. Karpova   | I.E. Zemlyanskaya |
|                  | K.P. Levenfish | K.A. Postnov      |
|                  |                | D.A. Varshalovich |
| D.D. Ofengeim    | Yu.A. Shibarov | D.A. Zyuzin       |

### Contacts:

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