**List of publications and conferences**

1. **Publications**

**1st author publication:**

**NUCLEUS Proceeding** in **PEPAN** (Physics of Elementary Particles and Atomic Nuclei, **IF 0.6**) in review since 27th October 2021

**A. Kohoutova**, A. M. Rodin, L. Krupa, E. V. Chernysheva, A. V. Gulyaev, A.V. Gulyaeva, M. Holik, J. Kliman, A. B. Komarov, P. Kohout, A. S. Novoselov, A. Opíchal, A. V. Podshibyakin, J.Pechousek,V. S. Salamatin, S. V.Stepantsov, V. Yu. Vedeneev, S. A. Yukhimchuk (2021).Separation efficiency and separation time of mass separator MASHA measured for Radon and Mercury isotopes. *Physics of Elementary Particles and Atomic Nuclei*., **in review**

**Co-author publications:**

* Pavel Kohout, Lukáš Kouřil, Antonín Opíchal, **Alena Kohoutová** and Jiří Pechoušek (2021). Mössbauer spectrometer with advanced modulation of gamma ray energy utilizing real-time industrial computer. *IEEE Transactions on Nuclear Physics*., **68**(8)1869–1875, DOI: 10.1109/TNS.2021.3086486
* A. Opíchal, A.V. Podshibyabkin, A.M. Rodin, Ľ. Krupa, J. Pechoušek, P. Kohout, **A. Kohoutová**, E.V. Chernysheva, A.V. Gulayaev, J. Kliman, A.S. Novoselov, V.S. Salamatin, S.V. Stapancov, V. Yu. Vedeneev, A.B. Komarov, S.A. Yukhimchuk (2021). Data analysis from foil catcher experiment cross section measurement of 40Ar + 144Sm. *Physics of Elementary Particles and Atomic Nuclei*., **in review**
* V.Yu.Vedeneev, A.M.Rodin, L.Krupa, E.V. Chernysheva, A.V. Gulyaev, A.V. Gulyaeva, M. Holik, D. Kamas, J. Kliman, P. Kohout, **A. Kohoutová**, A.B. Komarov, A.S. Novoselov, A. Opichal, J. Pechoušek, A.V. Podshibyabkin, V.S. Salamatin. S.V. Stepantsov, S.A. Yukhimchuk (2021) Carbon nanomaterials application for ISOL-method of heavy ion fusion reaction products. *Physics of Elementary Particlesand Nuclei*., **in review**

1. **Conferences**

* **NUCLEUS 2021**, 23rd September, **on-line presentation**

**C) Other activities**

* **AYSS** summer school on Lipnya**,** July 2021
* **AYSS** for young scientists (to 35 years) in **Kazachstan** – problems with visa, I didn´t attend
* **EXON 2021** postponed to 2022, in 2022 postponed again
* **NUCLEUS 2022**