  **A.I. Alikhanyan National Science Laboratory Advanced RAdio-frequency timing appaRATus**

**RF Timer Workshop**

**May 03-04, 2023**

**WORKSHOP PROGRAM**

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| **03.05.2023** | *Chair:* Satoshi Nakamura |
| 10:00-10:15  | Welcome and opening. A. Margaryan, A. Aprahamian, H. Marukyan |
| 10:15-11:00  | RF Timer status and perspectives. Amur Margaryan |
| 11:00-11:30  | RF Timer of electrons and photons. Vanik Kakoyan |
| 11:30-12:00 | RF Timer: DAQ and analyses. Sergey Abrahamyan  |
| 12:00-12:30 | *Coffee Break**Chair:* Simon Zhamkochyan |
| 12:30-13:00 | An RFPMT Simulation framework and Glasgow modular prototype. Ken Levingston |
| 13:00-13:30  | RF spiral scanning of keV electrons. Hayk Elbakyan/Vardan Bardakhchyan |
| 13:30-14:00  | RF Tube: Experimental studies and simulations. Hasmik Rostomyan |
| 14:00-15:00 | *Lunch* |
|  15:00-16:00 | *Demonstration of RF Timer in Lab* |

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| **04.05.2023** | *Chair:* Patrick Achenbach |
| 10:00-10:30 | Applications in fundamental science. Vahagn Gurzadyan |
| 10:30-11:00 | Two-photon inverse scattering. Armen Allahverdyan |
| 11:00-11:30 | Precise spectroscopy of Lambda hypernuclei. Satoshi Nakamura |
| 11:30-12:00 | Strange Hadron Physics – Linking the Cosmos with the Lab. Patrick Achenbach |
| 12:00-12:30 | *Coffee Break**Chair: Sergey Abrahamyan* |
| 12:30-13:00 | RF Applications in experimental physics. Simon Zhamkochyan  |
| 13:30-14:00 | *TOF-PET. Viatcheslav Sharyy* |
| 14:00-15:0015:00-15:30 | *Lunch*Is expected. Rachel Montgomery |
| 15:30-16:00 | Is expected. John Annand |