

NATIONAL INSTITUTE FOR LASER,
PLASMA AND RADIATION PHYSISCS - INFLPR
Laboratory of Solid-State Quantum Electronics
409 Atomistilor Street, 077125, Magurele, Ilfov
ROMANIA

INSTITUTE FOR SINGLE CRYSTALS
NATIONAL ACADEMY OF SCIENCES OF
UKRAINE - ISC NASU
60 Nauky Ave., 61072, Kharkiv
UKRAINE

SCIENTIFIC COOPERATION AGREEMENT

1. Subject of Cooperation

“ADVANCED CERAMIC MATERIALS for OPTICS and SOLID-STATE LASER SOURCES”

2. Parts Involved in Cooperation

A. From Ukraine:

Dr. Roman YAVETSKIY
INSTITUTE FOR SINGLE CRYSTALS,
NATIONAL ACADEMY OF SCIENCES OF UKRAINE - ISC NASU
Department of Crystalline Materials of Complex Compounds
60 Nauky Ave., 61072, Kharkiv, UKRAINE

B. From Romania:

Dr. Lucian GHEORGHE
NATIONAL INSTITUTE FOR LASER, PLASMA AND RADIATION PHYSISCS -
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409 Atomistilor Street, 077125 Magurele, Ilfov, ROMANIA

3. Research Topics

- Obtaining rare-earth-doped transparent ceramics;
- Study of spectroscopic properties of rare-earth ions in transparent ceramics;
- Establishing the correlation between spectroscopic properties and laser characteristics of doped transparent ceramics;
- Development of new ceramic laser materials.

4. Period Covered by Cooperation: 2021-2025.

The cooperation consists of visits of specialists (junior and senior researchers, PhD students or Postdoc students); work stages; conducting joint research and discussion of the results; collaborative publication of scientific papers; exchange of specialists, or preparation of joint projects. During any visit the sending part will bear all the expenses for its specialists (travel expenses, daily accommodation expenses, or medical insurance).

For the Ukrainian part

Prof. Dr. Roman YAVETSKIY



For the Romanian part

Dr. Lucian GHEORGHE



Head of ECS Laboratory
Dr. Nicolaie PAVEL



Director of ISC NASU
Corresponding member of NASU
Prof. Dr. I.M. PRITULA



General Director of INFLPR
Dr. Marian ZAMFIRESCU

