

WARSZAWSKA SZKOŁA DOKTORSKA NAUK ŚCISŁYCH I BIOMEDYCZNYCH
WARSAW-4-PHD

Warsaw Doctoral School in Natural and BioMedical Sciences

WYNIKI OCENY ŚRÓDOKRESOWEJ

Mid-Term Evaluation results

INSTYTUT FIZYKI PAN / INSTITUTE OF PHYSICS PAS

Nazwisko i Imię Surname and Name	Wynik oceny Mid-Term Evaluation result	Uzasadnienie oceny Justification of the assessment
JOSHI PUSHKAR	pozytywna / positive	The implementation of the individual research plan is carried out in accordance with the schedule for preparing the doctoral dissertation. Mr. Joshi conducted comprehensive research on the photoluminescent properties of CuInS ₂ quantum dots, in particular the mechanism of energy transfer between them. The results were presented in the form of two conference posters and an oral presentation (during the MRS Meeting in Boston (USA)), and published in the Journal of Physical Chemistry C (IF = 3.7). He then undertook work aimed at mastering the production of nanostructures from lead-free double perovskites with the intention of examining their photoluminescent properties and using them in luminescent solar concentrators. The results obtained during the assessed period indicate that the doctoral thesis has a chance of being completed on time. The educational program is implemented basically as planned, with one lecture being postponed. The delay has been justified by the priority of the experimental work and the presentation of the obtained results at international conferences.