Mathematical Institute
Polish Academy of Sciences

COURSE DESCRIPTION

Course name	Seminar Young Researchers Colloquium
Course type	reserach seminar (sd)
Supervisor	Radosław Adamczak, Jarosław Buczyński, Adam Skalski
ECTS credit allocation	1 – IM PAN Ph. D. program; 3 - recommended for MA programs
Duration	One semester
Number of hours	30
Language	English or Polish, if every participant speaks Polish
Prerequisites	Analysis, Algebra, Topology, Probability Theory
Course content	Weekly lectures on various topics related to contemporary mathematics, delivered by leading young mathematicians from Poland and abroad, assumed to be accessible for PhD students and postdoctoral researchers working in all fields of mathematics.
Recommended reading	
Learning outcomes	1. Student can list and explain fundamental contemporary directions and areas of study in various fields of mathematics, especially those which are actively pursued in Poland. 2. Is able to formulate partial questions and conjectures, distinguishes conceptual problems from technical issues. 3. Knows the limitations of both the general and her/his own knowledge related to the topics presented at the seminar, is able to assess the need and possibilities of developing this knowledge. 4. Collaborates with other participants of the seminar, takes part in discussions after the lectures, shares her/his remarks and comments on the topics described at the seminar.
Assessment methods and criteria	Regular, active participation in the seminar
Remarks	