**List of academic teachers who may become supervisors in the Doctoral School of the University of Szczecin**

Field: Natural sciences

Discipline: mathematics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name and surname**  | **Degree** | **e-mail** | **phone number** | **Address: Floor /room numbe** | **academic interests/scientific interests keyword** |
| Andrzej Dąbrowski | Prof.dr hab. | andrzej.dabrowski@usz.edu.pl | 91 444 1264 | Wielkopolska 15, parter, pok. 23 | special values of L-functions in integer points; p-adic L-functions of automorphic forms; Iwasawa theory; arithmetic of abelian varieties; applications of modular forms and elliptic curves to diophantine equations |
| Piotr Krasoń | prof. dr hab., dr hab. inż. | piotr.krason@usz.edu.pl | 91 444 1279 | Wielkopolska 15, II piętro, pok. 214 | special elements in algebraic K-theory of number fields and curves; arithmetic of abelian varieties; Drinfeld modules; Galois representations. |
| Iwan Marczenko | prof. dr hab. | iwan.marczenko@usz.edu.pl | 91 444 1274 | Wielkopolska 15, IV piętro, pok. 416 | grow of entire, meromorphic, holomorphic and subharmonic functions; investigation of minimal surfaces by means of subharmonic functions |
| Oleg Bogopolskiy | dr hab. prof. US | oleg.bogopolskiy@usz.edu.pl | 91 444 1290 | Wielkopolska 15, IV piętro, pok. 411 | Geometric and Combinatorial Group Theory Algorithmic Group Theory Low-dimensional Topology Algebraic geometry over groups (equations over groups) Applications of group theory to wild spaces (non semi-locally simply connected spaces)  |
| Alexander Felshtyn | dr hab. prof. US | alexander.felshtyn@usz.edu.pl | 91 444 1278 | Wielkopolska 15, III piętro, pok. 412 | dynamic zeta functions and Nielsen theory; Reidemeister torsion; MorseSmale systems; Floer homology; Burnside-Frobenius |
| Hagen Meltzer | dr hab. prof. US | hagen.meltzer@usz.edu.pl, hagen.meltzer@gmx.de | 91 444 1294 | Wielkopolska 15, IV piętro, pok. 607 | classification of irreducible modules over finite dimensional algebras; investigation of connections between vector bundles and coherent sheaves over certain varieties and modules over appropriate finite dimensional algebras; investigation of complexes and invertible sheaves over certain weighted projective spaces; description of irreducible modules over canonical algeb |
| Hong Thai Nguyen | dr hab. prof. US | hong\_thai.nguyen@usz.edu.pl | 91 444 1225 | Wielkopolska 15, III piętro, pok. 311 | Banach modules; nonlinear Hammerstein equations and elliptic problems; CM-selectors for multifunctions; variational calculus in Sobolev and Orlicz-Sobolev spaces. |
| Franciszek Prus-Wiśniowski | dr hab. prof. US | franciszek.prus-wisniowski@usz.edu.pl | 91 444 1296 | Wielkopolska 15, IV piętro, pok. 508 | classes of functions of generalized bounded variations; sets of subsums of series; Cantor sets. |
| Tomasz Jędrzejak | dr hab.prof.US | tomasz.jedrzejak@usz.edu.pl | 91 444 1275 | Wielkopolska 15, IV piętro, pok. 605 | number theory; elliptic curves; algebraic curves |
| Oleg Bogopolskiy | dr hab.prof.US | oleg.bogopolskiy@usz.edu.pl | 91 4441290 | Wielkopolska 15, IV piętro, pok. 411 | Geometric group theory |