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

Field: Natural sciences

Discipline: physical sciences

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| **Name and surname** | **Degree** | **e-mail** | **phone number** | **Address: Floor /room numbe** | **academic interests/scientific interests keyword** |
| Mariusz P. Dąbrowski | prof. dr hab. | [mariusz.Dabrowski@usz.edu.pl](mailto:mariusz.Dabrowski@usz.edu.pl) | 91 444 1248 | Wielkopolska 15, pokój 302 | Fundamental cosmology; quantum entanglement in the Universe; nonextensive entropies; dark energy; quantum gravity: generalized uncertainty principle, Lozentz symmetry breaking |
| Vincenzo Salzano | dr. hab., prof. US | vincenzo.salzano@usz.edu.pl | 91 444 1285 | Wielkopolska 15, p. 408 | Cosmology, modified gravity, large scale structure, observational data analysis |
| Marcin Piątek | dr hab. | [marcin.piatek@usz.edu.pl](mailto:marcin.piatek@usz.edu.pl) | 91 444 1242, 792057092 | Wielkopolska 15, p. 516 | Conformal field theory, supersymmetric Yang-Mills theories, classical and quantum integrable systems |
| Adam Balcerzak | dr hab. | adam.balcerzak@usz.edu.pl | 91 444 1432 | Wielkopolska 15, p. 302 | cosmology, gravity theory |
| Jerzy Cioslowski | prof. dr | jerzy@wmf.univ.szczecin.pl | 91 444 1241 | Wielkopolska 15, p. 519 | Density matrix functional theory |
| Marcin Buchowiecki | dr hab. | marcin.buchowiecki@usz.edu.pl | 91 444 1228 | Wielkopolska 15, p. 513 | High temperature molecular physics (molecular partition function, cross sections, scattering of atoms) |
| Ewa Szuszkiewicz | prof. dr hab | ewa.szuszkiewicz@usz.edu.pl | 91 444 1258 | Wielkopolska 15, piętro 5, pokój 517 | Formation and evolution of planetary systems, astrobiology |
| Franco Ferrari | dr hab. | Franco.ferrari@usz.edu.pl | +48914441257 | Wielkopolska 15, p. 515 | Astrobiology, statistical physics, soft matter, field theory |
| Tomasz Denkiewicz | dr hab. | Tomasz.denkiewicz@usz.edu.pl | +48914441244 | Wielkopolska 15, p. 303 | cosmology |
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