The Doctoral School of Chemistry No 276/21.03.2023

THE TOPIC FOR ADMISSION TO DOCTORAL STUDIES
Session – September 2023
CHEMISTRY FIELD

Professor Habil. Cecilia ARSENE, PhD

1. **Polycyclic aromatic hydrocarbons (PAHs) and their derivatives in the atmosphere of the Iasi urban area, north-eastern Romania: Sources apportionment and health risk assessments.**

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Professor Elena BÎCU, PhD

1. **New penta- and hexa-atomic azaheterocyclic compounds. Syntheses and applications.**

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Professor Habil. Mihail-Lucian BÎRSĂ, PhD

1. **New tricyclic flavonoids with antimicrobial properties.**

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Professor Gabi DROCHIOIU, PhD

1. **Major environmental pollutants: biomedical implications and specific methods to investigate the action of heavy metals, dinitrophenols and cyanogens.**

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Professor Ionel MANGALAGIU, PhD

1. **Hybrid azaheterocyclic compounds with potential practical applications.**

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Professor Habil. Romeo-Iulian OLARIU, PhD

1. **Study of the atmospheric degradation of selected clean organic solvents.**

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Professor Aurel PUI, PhD

1. **Advanced oxide nanostructures for catalysis and green energy production.**

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