

Sustainable production of Cellulose-based products and additives to be used in SMEs and rural areas
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CELISE 2022 meeting

Quick Roundtable: WUT Warsaw University of Technology

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7th December, 2022



Index

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- Warsaw University of Technology (WUT)
- Main expertise and capacities
- Interests in CELISE
- Key staff participating in CELISE

07/12/2022

CELISE 2022 meeting



General Description

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WUT: Facts & Figures

- Establishment year: **1826**
- The Main Building was designed by famous Warsaw architects: Stefan Szyller and Bronisław Brochowicz-Rogóyski. The construction was completed in just two years, at the turn of the 20th century (**1899-1901**).
- Establishing the status as the University of Technology: **1915**

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Nº1



General Description

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Number of students:

23167

WUT:



WUT: Facts & Figures*

* in 2021 according to the Polish university ranking, led by the Perspektywy Foundation



Number of doctoral students:

1005

Number of fields of study:

62 20

Number of fields of study conducted in English

Number of faculties

136 487 m² Campus area



General Description

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Disciplines of science:

- architecture and urban planning,
- automation, electronic and electrical engineering, and space technologies,
- philosophy,
- information and communication technology,
- biomedical engineering,
- chemical engineering,
- civil engineering, geodesy and transport,
- materials engineering,
- mechanical engineering,
- environmental engineering, mining and energy,
- mathematics,
- chemical sciences,
- physical sciences,
- management and quality studies,
- law.





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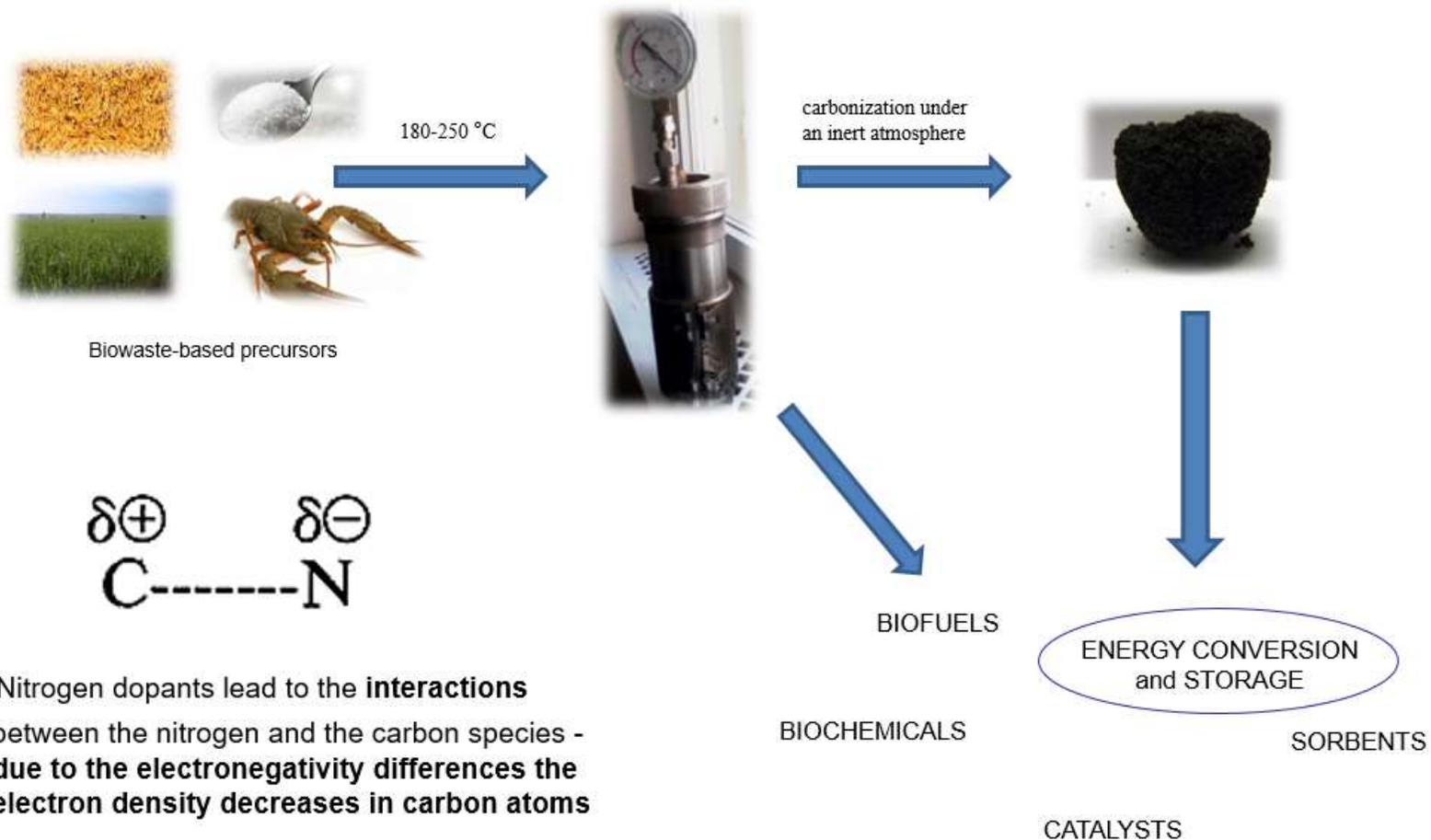
Main expertise and capacities

- Biomass characterisation;
 - Biochar from hydrothermal processes;
 - Design of functional materials for sorbents and energy storage;
 - Collaboration with several industrial companies.
-
- Visitors will have access to the host group facilities from Chemical Laboratory and to the other research infrastructure located at WUT.
 - Biomass treatment and modifications will be performed using technological line for conducting hydrothermal reactions including carbonization and lab-scale reactors for lignocellulosic HTC treatment.



Interests in CELISE

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Key staff participating in CELISE

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- **Dr. Maria Kochaniec**

(Adjunct Professor, 14 papers, 441 citations, h-index 9).

Research activities focus on synthesis of new sustainable materials using wastes, their characterization and application for environmental and chemical engineering