



Linz, January 2024

Open PhD-Position @ ZONA

- **Starting:** Now, ASAP
- **Background:** Chemistry and/or Physics
- **Project:** Sustainable Carbons and Composites from Lignin and Cellulose
- **Cooperation partner:** WOOD K-Plus



Assoc. Univ. Prof. DI Dr. David Stifter
 Zentrum für Oberflächen- und Nanoanalytik - ZONA

T +43 732 2468 5815
 F +43 732 2468 5816
david.stifter@jku.at

Sekretariat:
Elisabeth Mayrhofer
 DW 5800
elisabeth.mayrhofer@jku.at

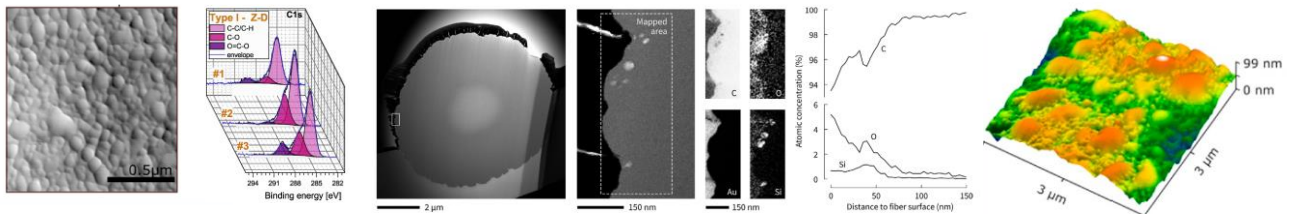
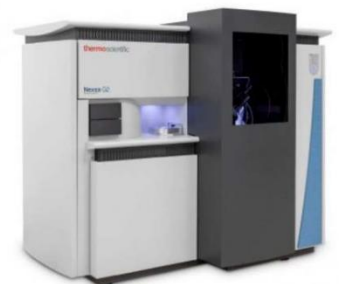
- **Novelty:** New bio-based materials for energy storage and composites

→ **Goals:**

- Development of effective modifications for high yield and tailored functionalities
- Understanding of modification processes and resulting material properties

→ **Tasks:**

- Surface modification of bio-based carbon materials
- Study via high-end systems of the Analytics Core Facility
 → XPS, AES, Raman, AFM, SEM, TEM, EDX, ...
- Model for occurring surface processes



I look forward to hearing from you

David Stifter → email: david.stifter@jku.at

Zentrum für Oberflächen- und Nanoanalytik – ZONA
<https://www.jku.at/zentrum-fuer-oberflaechen-und-nanoanalytik-zona/>

JOHANNES KEPLER
UNIVERSITÄT LINZ
 Altenberger Straße 69
 4040 Linz, Österreich
 www.jku.at
 DVR 0093696