**INTERNSHIP POSITION**

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| **Topic** | **Designer of power systems** |
| **Specification/**  **Programme**  (min. 100 words) | This internship is focused on the practical design of power systems and their equipment (heat exchangers, pumps, compressors, heat pumps ...) by PC tools. Basic knowledge of power systems and thermomechanics is required. Intermediate knowledge of CAD design or technical calculations and simulation in Python language is required. |
| **Time period** | Summer 2023, Winter 2023 |
| **Length of the traineeship - number of months** | 3 |
| **Supervisor´s name and contact** | Ing. Ondřej Burian  Technical University of Liberec  Faculty of Mechanical Engineering  Department of Power Engineering  Studentská 1402/2  46117 Liberec  ondrej.burian@tul.cz |
| **Administrative Contact** | Marcela Valkova, [marcela.valkova@tul.cz](mailto:marcela.valkova@tul.cz) |
| **Documents required** | CV, Letter of motivation, Transcript of Records |