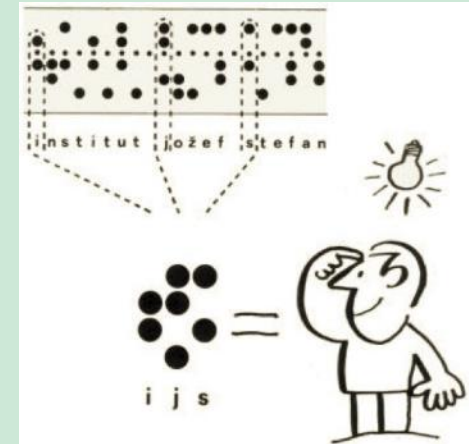


# Session 2 - Enhancement of EPCs with the integration of other data sources

**Moderator: Boris Sučić, JSI – EEC,  
Ljubljana, Slovenia**

TIMEPAC-21 International Workshop, Ljubljana, December 14-15, 2021

The Stefan-Boltzmann law *states that the energy flux density by a blackbody:*



$$j = \sigma T^4$$

$$j = \text{⬤⬤⬤⬤} T^4$$

# Session 2 - Enhancement of EPCs with the integration of other data sources

- Deals with the enhancement of EPCs with the integration of other data sources (BIM, sensors, smart meters, energy management, etc.)
- Seven presentations
- Speakers from Belgium, Cyprus, Italy and Spain

# Session 2 - Enhancement of EPCs with the integration of other data sources

- 15.30 - 15.50:** Integrating EPC data with cadastre to foster residential building retrofitting programmes in the implementation of SECAPs - **Álvaro Sicilia, Anna Noguer, ARC Engineering and Architecture La Salle, Spain**
- 15.50 - 16.10:** Data-driven Energy Performance Assessment Methods in the H2020-Project ePANACEA - **Evi Lambie, Unit Smart Energy and Built Environment, VITO, Belgium**
- 16.10 - 16.30:** Enriched set of KPIs in Next-generation Dynamic Digital EPCs for enhanced quality and user awareness (D<sup>2</sup>EPC) project - **Paris A. Fokaides, Frederick University, School of Engineering, Cyprus**
- 16.30 - 16.50:** Analysis and validation of EN ISO 52016-1 and its Italian National Annex - **Franz Bianco Mauthe Degerfeld, Department of Energy “Galileo Ferraris”, Politecnico di Torino, Italy**
- 16.50 - 17.00:** Discussion and wrap-up of the Session 2

# Session 2 - Enhancement of EPCs with the integration of other data sources

- 9.30 - 9.50:** Innovative performance indicators for next generation EPC developed within H2020 X-tendo project - **Jan Verheyen, Unit Smart Energy and Built Environment, VITO, Belgium**
- 9.50 - 10.10:** A platform to integrate city's building energy information with public data - **Álvaro Sicilia, Leandro Madrazo, ARC Engineering and Architecture La Salle, Spain**
- 10.10 - 10.30:** Hourly simplified calculation to identify cost-optimal energy requirements for the Italian building stock - **Matteo Piro, Department of Energy "Galileo Ferraris", Politecnico di Torino, Italy**

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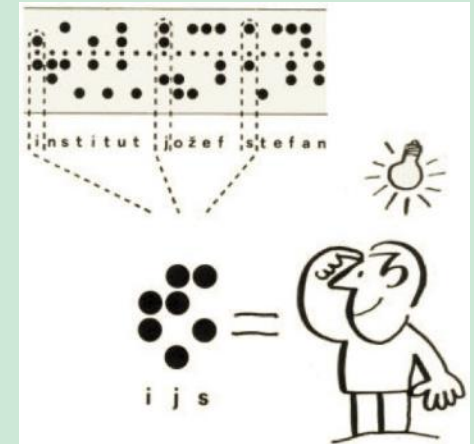
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