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Please follow these rules to ensure the happiness of the organizers and the beauty of the book of abstract:

- write your abstract in Times New Roman 11pt
- use following fonts size:
  - title – 14 pts, bold
  - Authors – 11 pts, bold
  - Body/text – 11pts,
  - Figure caption – 11 pts
  - Paragraphs title (Acknowledgement, References) – 11pt, bold
- do not exceed **1page A4**
- include figures in the text with max. 2MB size
- write the caption outside of the figure frame (see Figure 1 as an example).
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π-Conjugated compounds play a central role in modern organic electronics, enabling tunable optoelectronic properties through molecular design. In this work, we investigate charge-transport characteristics in a series of thiophene-based oligomers using a combination of density functional theory (DFT).

Structural relaxation and orbital analysis reveal how substitution patterns and conjugation length influence frontier orbital delocalization and electronic coupling. The computed mobility trends correlate well with experimental data from organic field-effect transistors, providing insight into structure–property relationships governing π-conjugated systems. These findings contribute to a deeper understanding of charge transport in molecular semiconductors and guide the design of next-generation π-functional materials.

Figure 1: Times New Roman, 11 pt

Acknowledgments

Your acknowledgment text goes here.

References

[1] SurnameA N, and SurnameB G. *Angew Chem. Int. Ed*. **6** 9 (2024) (font size 10)
[2] SurnameC F., SurnameD X., and SurnameE F. *Phys. Chem. Chem. Phys*. **15** 1120 (2023)