

## Abstract Submission

Authors are asked to observe the following criteria:

The title of the abstract should be concise and in **bold**. Full capitalization is not necessary. The name of the individual who will attend the meeting to present the work should be underlined. Authors should include their address and e-mail address. The corresponding author may be marked with an asterisk (\*). Abstracts should be typed in English using single line, 12 point font size, and the preferred font is Times New Roman, 12 point. Chemical structures may be drawn using Chem Draw etc. Caption style may also follow the ACS format.

References, denoted by superscript numbers in the text, should be listed at the end of the text using the Journal of American Chemical Society's format. Lastname, First Initial. *J. Am. Chem. Soc.* **Year of publication**, *issue number*, first page - last page. The whole of the abstract must be contained within 1 page A4 sheet in portrait layout. Please send electronic files (both Word file and PDF file) to the symposium secretariat.

Below is an example of how a typical abstract should appear:

### Synthesis of New Polyolefins by Nonbridged Half-Titanocene Catalysts

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Study on synthesis of functional polymers from renewable feedstocks, as alternatives from fossil oil, has been considered as an important subject. Cyclic monoterpenes, consisting of two isoprene units, are natural abundant products and can be considered as promising monomers for the above purpose. The reports by cationic/radical polymerization of pinenes, limonene have been known, however, the reports by metal catalyzed coordination insertion polymerization have been limited. We thus herein focus on ethylene copolymerization with three monomers, *R*-limonene and  $\beta$ -pinene,<sup>1</sup> camphene by nonbridged half-titanocene catalysts containing anionic ancillary donor ligands, Cp'TiX<sub>2</sub>(Y) (Cp' = cyclopentadienyl; X = Cl, Me etc.; Y = phenoxide, ketimide etc.), which display unique characteristics especially for synthesis of new ethylene copolymers that cannot be prepared by the conventional catalysts.<sup>2-4</sup>

#### Reference:

- 1 Kawamura, K.; Nomura, K. *Macromolecules* **2021**, *54*, 4693.
2. Nomura, K. et al. *Dalton Trans.* **2009**, 8811; **2011**, *40*, 7666. Perspectives
3. Kitphaitun, S.; Yan, Q.; Nomura, K. *Angew. Chem. Int. Ed.* **2000**, *59*, 23072.
4. Kitphaitun, S.; Chaimongkolkunasin, S.; Manit, J.; Makino, R.; Kadota, J.; Hirano, H.; Nomura, K. *Macromolecules* **2021**, *54*, 10049.