

PERSONAL INFORMATION

SURNAME: **BOURKER**
NAME: **NIKOLAOS ATHANASIOS**
PLACE OF RESIDENCE: **GREECE**

EDUCATION

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| Sept 2018 – Nov 2020 | Department of Materials Science and Technology, University of Crete (UoC), Greece, MSc, 8.54/10 |
| Sept 2012 – Oct 2017 | Department of Materials Science and Technology, University of Crete (UoC), Greece, BSc, 6.77/10 |
| Sept 2010 - Jul 2012 | 1 nd High School, Igoumenitsa, Greece |

PUBLICATIONS

1. Stabilization of supramolecular polymer phase at high pressures. N. A. Burger, A. Mavromanolakis, G. Meier, P. Brocorens, R. Lazzaroni, L. Bouteiller, B. Loppinet, and D. Vlassopoulos, ACS Macro Letters, , 10, 3, 321–326, 2021. DOI: <https://doi.org/10.1021/acsmacrolett.0c00834>.
2. Coexisting self-focusing and defocusing in polymer solutions. A. Bogris, N. A. Burger, K. G. Makris, B. Loppinet, and G. Fytas, ACS Photonics, 9, 2, 722–728, 2022. <https://doi.org/10.1021/acsp Photonics.1c01917>
3. Complete dynamic phase diagram of a supramolecular polymer. N. A. Burger, G. Pembouong, L. Bouteiller, D. Vlassopoulos, and B. Loppinet., ACS Macromolecules, 2022. <https://doi.org/10.1021/acs.macromol.1c02508>
4. A microstructural investigation of an industrial attractive gel at pressure and temperature, A. Clarke E. Jamie, N. A. Burger, B. Loppinet and G. Petekidis, Soft Matter, accepted 2022.
5. Dynamics of supramolecular assemblies at elevated pressures, N. A. Burger, G. Meier, L. Bouteiller, B. Loppinet and D. Vlassopoulos, submitted to J. Phys. Chem. B, 2022.

CONFERENCES/WORKSHOPS/etc.

- The 18th European School on Rheology, KU Leuven, 4-8 April 2022, Leuven, Belgium.
- EUSMI, Soft Comp, Annual Meeting 2021, poster: Phase diagram of low molecular bisurea-based organogelators at high pressures and temperatures, 2021 May 31-02, online.
- EPF 2019, European Polymer Congress 2019, poster: "Kinetics of light-induced patterning in polydiene solutions; Influence of sample condition and O₂ content" June 09-14, Hersonissos, Crete, Greece
- EPF 2019, European Polymer Congress 2019, poster: 'Versatile optical response of polydiene solutions" June 09-14, Hersonissos, Crete, Greece,
- 12th Hellenic Polymer Society International Conference, poster: 'Kinetics of light-induced patterning in polydiene solutions; Influence of dissolved O₂'. September 30 – October 3, 2018, Ioannina, Greece
- ECIS 2017, 31st Conference of the European Colloid and Interface Society, poster: 'Light-induced patterning in transparent polydiene solutions'. September 3-8, 2017 Madrid, Spain.
- Liquids 2017, 10th Liquid Matter Conference, poster: 'Light-induced patterning in transparent polydiene solutions'. July 17-21, 2017, Ljubljana, Slovenia.
- 11th Hellenic Polymer Society International Conference, poster: 'Laser-induced tubular patterning in polybutadiene solutions'. November 3-5, 2016, Heraklion, Crete, Greece.

PARTICIPATION IN RESEARCH PROJECTS

1. Greek Secretariat for Research and Technology. INNOVATION Program-AENAO. Employ.
2. KRIPIS project AENAO, ITE-FORTH, MIS: 5002556. Employ.

FOREIGN LANGUAGES

ENGLISH
