R E S U M E

Full name:	Khononov Maxim
Identity No.	306859216
Date and place of birth:	May 24, 1986; Belarus
Marital status:	Married + 2
Citizenship:	Israeli
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EDUCATION

Present

PostDoc position, Professor Moris Eisen research laboratory, Chemistry
Technion – Israel Institute of Technology, Haifa, Israel

2014 – 2020

PhD direct-track, Professor Moris Eisen research laboratory, Chemistry
Technion – Israel Institute of Technology, Haifa, Israel
Synthesis and reactivity of coordination Hf complexes based on imidazolin-iminato ligands

2010 – 2014

Bachelor of Science, Chemistry - Technion – Israel Institute of Technology, Haifa, Israel

2004 – 2006

Mechatronics Practical Engineering (*cum laude*) - Braude College, Karmiel, Israel

SCIENTIFIC RESEARCH SKILLS

- Organic synthesis
- Organometallic synthesis (especially early transition metals, Ti, Zr, Hf)
- Air-sensitive chemistry, Schlenk-line, glovebox, and high-vacuum line techniques
- Polymerization reactions of biodegradable and biocompatible materials (PCL, PLA, etc)
- Polymerization of olefins (Ethylene, Propylene, Butene, Hexene, Octene, etc…) usage of high-pressure reactors
- Kinetic mechanism study and Problem solving
- Various catalytic reaction studies on different substrates (Alcohols, Carbodiimides, Epoxides, Aziridines, oxetanes, etc…)
- Knowledge in crystallization techniques followed by X-ray analysis
- Knowledge in analytical methods for characterization, such as: ^{1}H NMR, ^{13}C NMR, IR gel-permeation chromatography (GPC), elemental analysis, and spectroscopic analysis.

LANGUAGES

Hebrew – Native language
Russian – Native language
English – Fluent speaker and proficient in writing

MILITARY SERVICE

2006 - 2009 – “Marnat”

TEACHING EXPERIENCE

Organic chemistry 1 extended for undergraduate students.
Principles of chemistry laboratory for undergraduate students.
Principles of chemistry 1 laboratory for undergraduate students.
Principles of chemistry 2 laboratory for undergraduate students.
Advanced laboratory of organometallic chemistry for graduate and undergraduate students.

FELLOWSHIPS, AWARDS AND HONORS

2019 – Schulich prize award for excellence in teaching.
2015 – Sandor Szego award for excellence in teaching.
2015 – Schulich prize award for excellence in teaching.

PUBLICATIONS

1. Khononov, M ; Liu, H.; Fridman, N.; Tamm, M.; Eisen, M. S., *Organometallics*, **2020**, 39, 3021–3033.
2. Khononov, M.; Fridman, N.; Tamm, M.; Eisen, M. S., *Eur. J. Org. Chem*, **2020**, 3153–3160.
3. Liu, H.; Khononov, M.; Fridman, N.; Tamm, M.; Eisen, M. S. *Inorg. Chem.* **2019**, *58* (19), 13426–13439.
4. Liu, H.; Khononov, M.; Fridman, N.; Tamm, M.; Eisen, M. S. *J. Organomet. Chem.* **2018**, *857*, 123–137.
5. Liu, H.; Khononov, M.; Eisen, M. S. *ACS Catal.* **2018**, *8* (4), 3673–3677.
6. Liu, H.; Khononov, M.; Fridman, N.; Tamm, M.; Eisen, M. S. *Inorg. Chem.* **2017**, *56* (6), 3153–3157.
7. Karmel, I. S. R.; Khononov, M.; Tamm, M.; Eisen, M. S. *Catal. Sci. Technol.* **2015**, *5*, 5110–5119.

POSTER PRESENTATION

24.09.2019 – Faculty Annual Conference
Reactivity of Imidazolin-2-Iminato Hafnium Complexes
Maxim Khononov, Natalia Fridman, Moris S. Eisen

13.02.2019 – ICS 84th
Mono substituted imidazolin-2-iminato hafnium complexes: Synthesis and reactivity
Maxim Khononov, Natalia Fridman, Matthias Tamm, Moris S. Eisen

9.10.2018 - Three Generation Meeting
Synthesis and Reactivity of Coordination Complexes Based on Imidazolin-2-Iminato Ligands
Maxim Khononov, Natalia Fridman, Moris S. Eisen

8.5.2018 - Faculty Day - Advanced degree recruitment day
תכנון ופיתוח קטליזטורים ייחודיים ויישומם
Maxim Khononov and Moris S. Eisen

1.10.2017 - Faculty Annual Conference
Synthesis and Reactivity of Hafnium Complexes Based on Imidazolin-2-Iminato Ligands
Maxim Khononov, Natalia Fridman, Moris S. Eisen