

Main research topics:

- High-power microwaves
- Localized microwave heating (LMH) and hotspot formation
- LMH in solids, plasmas, and powders
- The microwave drill
- Basalt melting, miniature LMH “volcanoes”
- 3D-printing of metal powders by LMH
- Thermite ignition by LMH
- Plasma ejection from solids and nano-powder production by LMH
- Fireballs and ball-lightning like effects

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