

# Tigran Nairi Hovhannisyan

**Research Institute of Physics**  
Submillimeter-Wave Laboratory  
Junior Researcher

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## Education

<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Radiophysics
<b>Date</b>	2020 - 2022
<b>Degree name</b>	Masters

<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Radiophysics
<b>Date</b>	2016 - 2020
<b>Degree name</b>	Bachelor

## Language skills

Հայերեն English Русский

## Work experience

<b>Institution</b>	Lasercut Ltd
<b>Period of time</b>	2023 till now
<b>Rank/degree</b>	Engineer-developer

<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2023 till now
<b>Rank/degree</b>	Lecturer

## Participation in international conferences and seminars

<b>30/03/2022</b>	Advanced Cardiology and Cardiovascular Research France
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<b>27/09/2022</b>	International Conference on Microwave & THz Technologies, Wireless Communications and OptoElectronics (IRPhE 2022) Armenia
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*Article*

**Исследование параметров нейронной системы спинного мозга в терагерцовой области частот**

T. N. Oganisyan, A. O. Makaryan, академик P. M. Martirosyan

Доклады НАН РА 2024 16-23

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*Article*

**Investigation of Nerve Fiber Network in THz Spectrum Range**

T. Hovhannisyan, A. Makaryan

Armenian Journal of Physics 2024 17-20

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*Article*

**Nonlinear Properties of Biological Nerve Fiber System in THz Spectrum Range**

T. N. Hovhannisyan

ՀՀ ԳԱԱ գեկուլցներ 2024 7-11

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*Article*

**Biosignal processing using machine learning methods**

T. Hovhannisyan, A. Makaryan, B. Hovhannisyan, S. Khachunts, A. Mkoyan, A. Manasyan

International Conference on Microwave & THz Technologies, Wireless Communications and OptoElectronics (IRPhE 2022)  
2023 3

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*Article*

**Study of the Brain Response to the MHz RF Signal**

T. N. Hovhannisyan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2022 182-186

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*Article*

**ЧАСТОТНО-ВРЕМЕННОЙ АНАЛИЗ ЭЛЕКТРОКАРДИОГРАММ**

Б.А. ОГАНИСЯН, А.О. МАКАРЯН, Т.Н. ОГАНЕСЯН

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2020  
575-581

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