

ERC Starting Grantee Testimonial

The Physical Sciences and Engineering Panel

Łukasz A. Sterczewski

Faculty of Electronics, Photonics, and Microsystems Wroclaw University of Science and Technology ul. Wybrzeże Stanisława Wyspiańskiego 27, 50-370 Wrocław

New chapter



European Research Council

Established by the European Commission

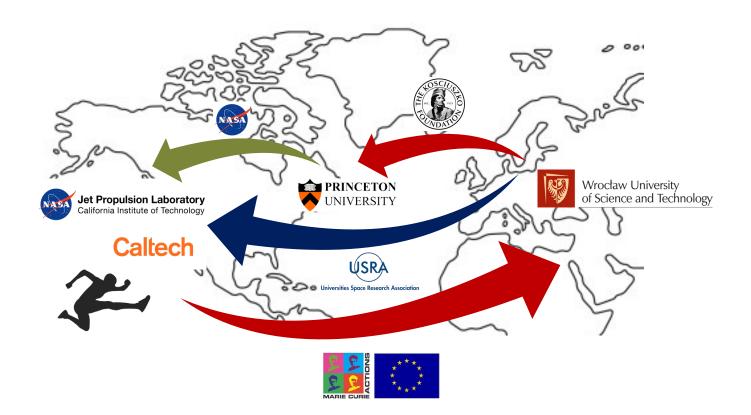
TeraERC /

Chip-based room-temperature terahertz frequency comb spectrometers (1 500 000 EUR).

Career planning



My career path (2015 – 2021)



I did it my way...





How to write an ERC proposal?







Pro tip: Start with the presentation. Try do put everything on 5 slides! Also: find your mentor and participate in online ERC workshops

And then...







Brussels, 28 April 2023 Ares(2023)2737152

Lukasz STERCZEWSKI WYBRZEZE WYSPIANSKIEGO 27 50-370 WROCLAW Poland

Subject: Additional information on the interview

Dear Professor STERCZEWSKI,

As announced in our previous communication, please find below additional information regarding your interview.

Applicant name	Lukasz STERCZEWSKI	
Applicant address	WYBRZEZE WYSPIANSKIEGO 27 50-370 WROCLAW Poland	
Evaluation panel	PE7	
Interview date	22 June 2023	
Interview slot	11:30 - 12:50 Brussels time	

Established by the European Commission

ERC-2023-STG

Annex I: Specific requests from Panel PE7

Interview format and any other panel specific comments about your interview:

The panel will ask you to make a **5 minute presentation** of your proposal, followed by **20 minutes of questions and answers**.

These time limits will have to be strictly followed.

TOTAL INTERVIEW DURATION (Project Presentation + Q&A)	25 minutes
PROJECT PRESENTATION DURATION	5 minutes
QUESTIONS & ANSWERS DURATION	20 minutes

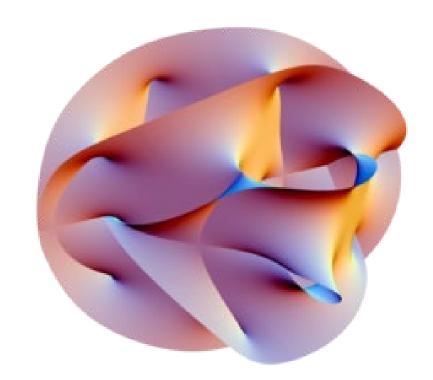
Multidimensional problem – preparing the presentation

Short introduction

Why important?

Where is the breakthrough?

What am I bringing as novelty?



Distilling information

Short introduction

Why important?

Where is the breakthrough?

What am I bringing as novelty?



Why me? Why now? Why Poland?

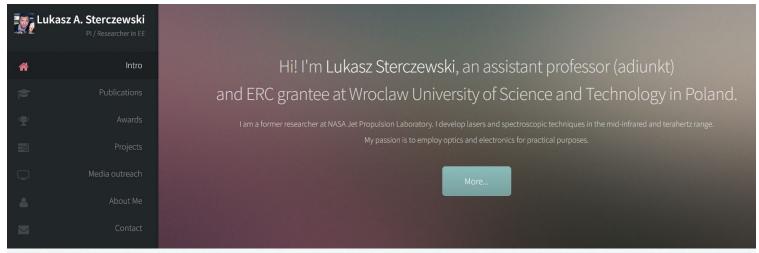
Style trick

Reference to literature

- « L'essentiel est invisible pour les yeux » [What is essential is invisible to the eye]
- The Little Prince, Antoine de Saint-Exupéry

Own brand – work on your website



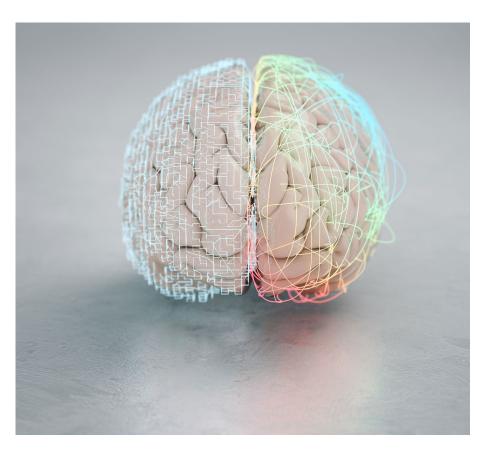


Publications

- 43. R. Li, H. Tian, Y. Liu, D. Dong, L. Sterczewski, and W. Zhou, "High-precision absolute distance measurement by cascaded synthetic wavelength interferometry using a single electro-optic frequency comb", In Review (2025).
- 42. H. Tian, and L. A. Sterczewski, "Impact of optical frequency comb noise on free-running dual-comb spectroscopy", Optics Express 33, 5075-5087 (2025). (Dpdf) (Supplementary) (OPG) (dataset)
- 41. T-L. Chen; C. Markus, D. Ober, L. Sterczewski, Y-J. Huang, M. Lisano, C. Canedy, I. Vurgaftman, C. Frez, J. Meyer, M. Bagheri, and M. Okumura, "Direct Frequency Comb Cavity Ring-Down Spectroscopy using Vernier Filtering", Journal of Physical Chemistry A 129, 1452–1458 (2025). (Dept.) (ACS) (Dept.)

It is not enough! It is the idea that counts!

Humility and professionalism



Hints

Modesty

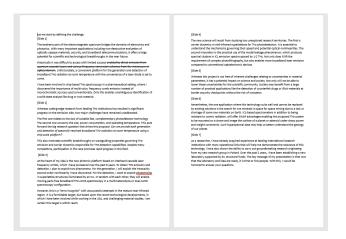
Invite an aggressive panelist

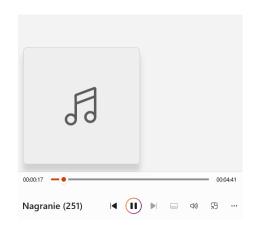
Roast (grill) as a form of training

Time! Short answers to more questions.



Practice, practice, practice...









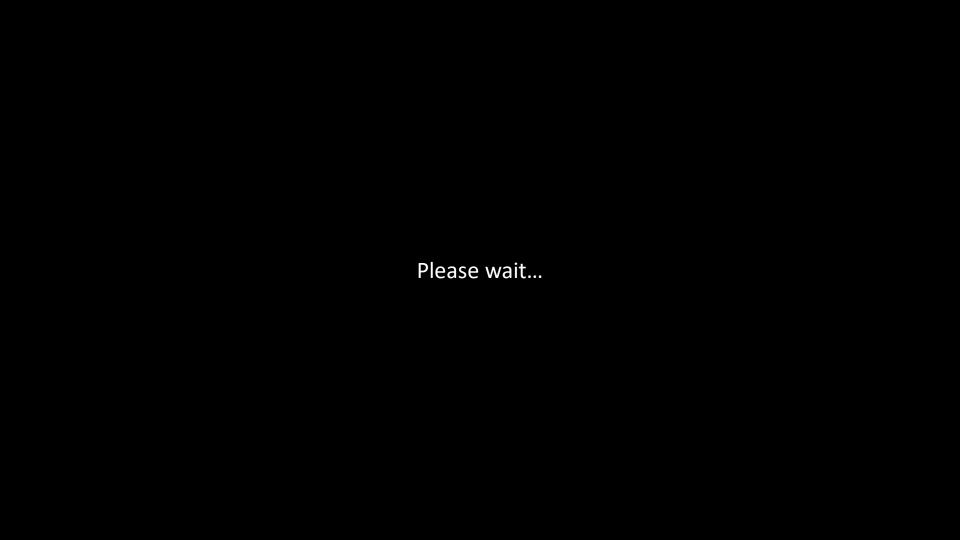








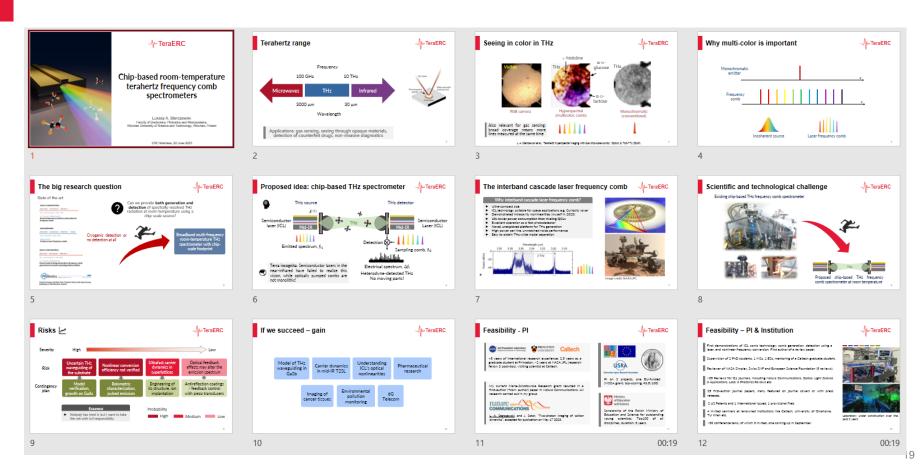




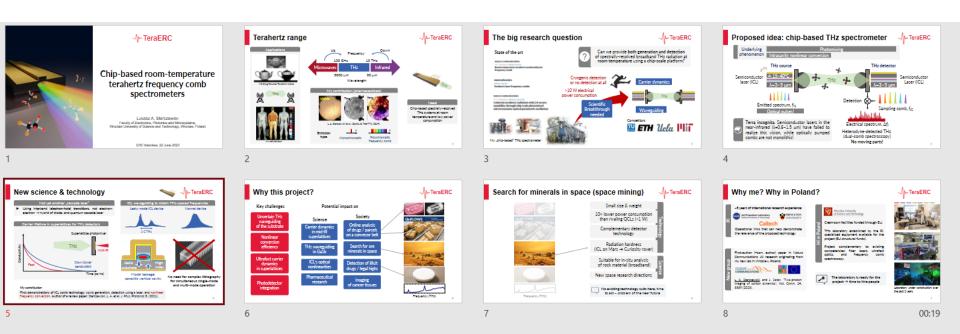




Version 1 – 5 minutes?



Final version



If we succeed

For Action - TeraERC - 101117433 - GAP-101117433 - Evaluation results



European Commission <EC-NO-REPLY-GRANT-MANAGEMENT@nomail.ec.europa.eu>
Do Lukasz Sterczewski



śr. 19.07.2023 17:31

i Ta wiadomość została wysłana z ważnością: Wysoki.

W przypadku problemów ze sposobem wyświetlania tej wiadomości kliknij tutaj, aby wyświetlić ją w przeglądarce sieci web.

Europa / Funding & Tenders Portal notification

Dear Madam/Sir,

The Evaluation Result Letter is available on the proposal page of the Funding & Tenders Portal. Log on to the Funding & Tenders Portal > My Proposal(s) (https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/myarea/proposals) and click on Action > Follow-up.

Regards,

Grant Management Services

Log in to find out the evaluation results...

Summary

- ▶ Brilliant idea and clear objectives. "Easy reading results from good writing"
- ► Support from national contact points and local university
- Let others criticize your idea
- ► Contribute actively to the community. Build your reputation.

06.09.2023

NAJNOWSZE ARTYKUŁY









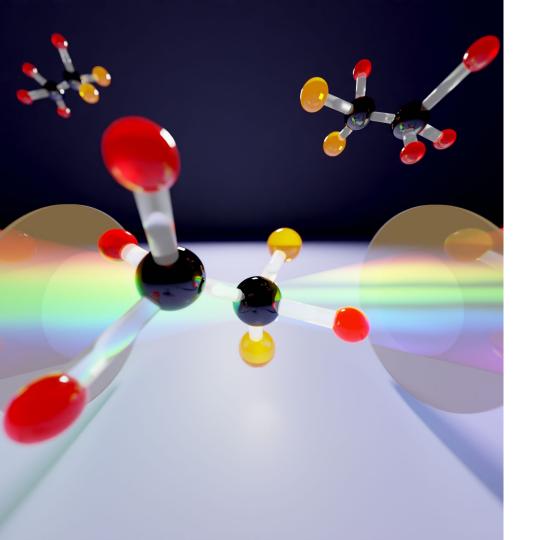
NAUKA

Prestiżowe granty dla polskich inżynierów. Dostaną 3 mln euro na supernowoczesne badania HISTORIA

06.09.2023

Znalezione, nie kradzione. Jakie skarby udało się odnaleźć po II wojnie światowej? NAUKA 05.09.2023

Lubisz całować swojego zwierzaka? Uważaj, to może być niebezpieczne







lukasz.sterczewski@pwr.edu.pl



teraerc.eu