

Photonic techniques for sub-Terahertz wireless data transmission

Citation for published version (APA):

Monroy, I. T. (2015). Photonic techniques for sub-Terahertz wireless data transmission. In *Photonic Networks and Devices, Networks 2015* [NeT1D.1] Optical Society of America (OSA).
<https://doi.org/10.1364/networks.2015.net1d.1>

DOI:

[10.1364/networks.2015.net1d.1](https://doi.org/10.1364/networks.2015.net1d.1)

Document status and date:

Published: 01/01/2015

Document Version:

Publisher's PDF, also known as Version of Record (includes final page, issue and volume numbers)

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

www.tue.nl/taverne

Take down policy

If you believe that this document breaches copyright please contact us at:

openaccess@tue.nl

providing details and we will investigate your claim.

Photonic Techniques for Sub-Terahertz Wireless Data Transmission

Idelfonso Tafur Monroy

Danmarks Tekniske Universitet, Denmark

Abstract: Wireless data communication links with capacities beyond 100 Gbit/s will require operating at sub-Terahertz frequencies using a large bandpass bandwidth facing new engineering challenges. We review several implementation aspects by using photonic technologies.

No Summary Provided