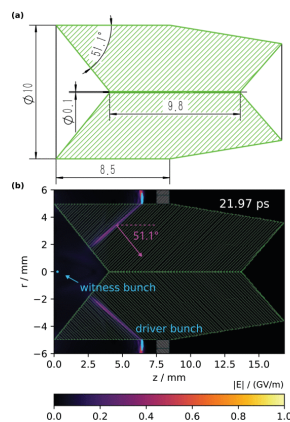


Transactions on Plasma Science is currently searching for a new Editor-in-Chief to begin in 2024. For more information on the position and how to apply, please visit: <https://ieee-npss.org/search-for-tps-editor-in-chief/>

Transactions on Plasma Science is also seeking applicants for four Senior Editors positions. The current openings are for the **Computational Methods, Plasma Diagnostics, Microwave Generation and Microwave-Plasma Interaction**, and **Social Media** sections. If you are interested, please send your applications to the EiC, Steve Gitomer, at tps-editor@ieee.org.

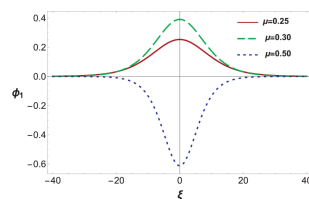
Featured Articles



An Inverse-Cherenkov Particle Accelerator Driven by a Focused Cherenkov Terahertz Pulse From a Ring-Shaped Electron Bunch

by Zi-Jing Zhang, Weihao Liu, Minghao Liu, Hongliang Xu, and Yalin Lu

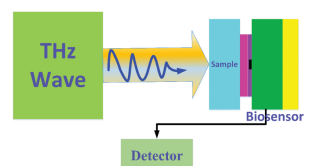
[Read More](#)



Dust-Acoustic Solitary Waves in an Electron-Depleted Nonthermal Magnetized Plasmas

by K. Habib, M. R. Hassan, S. Sultana, A. Mannan, and A. A. Mamun

[Read More](#)



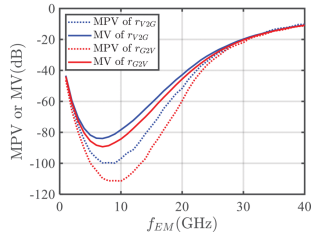
Highly Sensitive Tunable Dual-Band THz Refractive-Based Metamaterial Sensor for Biosensing Applications

by Patri Upender, and Amarjit Kumar

[Read More](#)

Asymmetry of the Plasma Sheath-Multipath Integrated Channel Between a Hypersonic Vehicle and Ground Station

by Bo Yao, Lei Shi, Xiaoping Li, Hailiang Wei, and Yanming Liu



[Read More](#)



IEEE Transactions on Plasma Science

A publication of the IEEE Nuclear and Plasma Sciences Society.

[VIEW THE TABLE OF CONTENTS](#)



[T-PS Home](#) [T-PS in IEEE Xplore](#) [Early Access](#) [Manuscript Submission](#)

[View the full series on IEEE Xplore.](#)



Website | [Privacy Policy](#) | [Unsubscribe](#)

© {{my.copyright year}} IEEE— All rights reserved.