crystals

Dear Colleagues,

As the Editor-in-Chief of *Crystals*, it is my great pleasure to announce the winner of the *Crystals* 2022 Best PhD Thesis Award. This award is for a PhD student or recently qualified PhD who has produced a highly anticipated thesis with great academic potential.

2022 BEST PHD THESIS AWARD

WINNER

The award has been granted to:
"Modeling and Design of a Phononic Crystal with Piezoelectric Defects for Broadband Energy Localization and Harvesting" by Dr. Soo-Ho Jo, Department of Mechanical Engineering at Seoul National University, South Korea.

Dr. Soo-Ho Jo is a postdoctoral researcher at the Department of Mechanical Engineering at Seoul National University, South Korea. He received his B.S and Ph.D. degrees in 2016 and 2021 from the Department of Mechanical and Aerospace Engineering at Seoul National University (Advisor: Byeng D. Youn), South Korea. His thesis has outstanding academic values in that it integrates phononic crystal-based wave tailoring with multiphysics (piezoelectric) phenomena for enhancing energy harvesting performance. His current research topics include (i) energy harvesting, (ii) phononic crystal-incorporated ultrasonic transducers and sensors, (iii) metastructure-based wave manipulation, and (iv) modeling, analysis, and design of static and dynamic structures using artificial intelligence.

The winner will receive CHF 500, a certificate, and a chance to publish a paper free of charge after peer review in *Crystals* before the end of 2023.

On behalf of the evaluation committee, I congratulate the winner on his accomplishments. We would like to take this opportunity to thank all the applicants for submitting their exceptional theses and thank the Award Committee for voting and helping with this award.
Prof. Dr. Helmut Cölfen
Editor-in-Chief, *Crystals*

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