

Advance Program

20AM1 : Keynote Speech 1

Date: August 20, 9:45-10:35
Room: Forum Hall, Shikoku University Plaza, Shikoku University
Chair: Tetsushi Ueta (Tokushima University)

- [20AM1-1](#) **Thermal/Traffic-aware 3D Network-on-Chip (NoC) Designs** 1
An-Yeu Wu (National Taiwan University)

20AM2 : Keynote Speech 2

Date: August 20, 10:40-11:30
Room: Forum Hall, Shikoku University Plaza, Shikoku University
Chair: Tsorng-Juu Liang (National Cheng Kung University)

- [20AM2-1](#) **Designs of High-Frequency and High-Efficiency Amplifiers -Applications of computation algorithm of bifurcation analyses to amplifier designs-** 2
Hiroo Sekiya (Chiba University)

20PM1-1 : Power and Energy Circuits and Systems

Date: August 20, 13:00-14:12
Room: Seminar Room 1, Shikoku University Plaza, Shikoku University
Chair: Yuichi Tanji (Kagawa University)

- [20PM1-1-1](#) **Analysis of Class-E² Wireless Power Transfer System for Any System Parameter** 3
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- [20PM1-1-2](#) **A Comprehensive Design Procedure of Inductively Coupled Wireless Power Transfer System for Maximizing Overall Efficiency** 4
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20PM1-2 : Signal and Image Processing

Date: August 20, 13:00-14:12

Room: Seminar Room 2, Shikoku University Plaza, Shikoku University

Chair: Lih-Yih Chiou (National Cheng Kung University)

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20PM2-1 : Circuit Design

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Room: Seminar Room 1, Shikoku University Plaza, Shikoku University

Chair: Shin-Chi Lai (Nan Hua University)

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Date: August 20, 15:15-16:27

Room: Seminar Room 2, Shikoku University Plaza, Shikoku University

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21AM1-1 : VLSI Systems and Applications

Date: August 21, 09:00-10:12

Room: Seminar Room 1, Shikoku University Plaza, Shikoku University

Chair: Shuenn-Yuh Lee (National Cheng Kung University)

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21AM2-1 : Biomedical and Life Science Circuits and Systems

Date: August 21, 10:45-11:57

Room: Seminar Room 1, Shikoku University Plaza, Shikoku University

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