

9th Annual Vietnam Education Foundation Fellows and Scholars Conference

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POSTER SECTION

GROUP 1- Computer Science and Engineering

G1-1

Automatic Extraction of I/O Benchmark From HPC Application

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G1-2

Development of a Space Radiation Dosimeter Based on a Timepix-Based Si Detector

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G1-3

The Bamboo Project

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G1-4

Inception: Reducing Hypevisor Attack Surface in the Cloud

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GROUP 2 - Electrical Engineering and Math, Physics, Statistics - Public Health

G2-1

Transversality of Holomorphic Mappings between Real Submanifolds of Complex Spaces

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G2-2

Prevention of Hepatitis B Infection in Drug Users: Effectiveness of Accelerated v/s Standard HBV Vaccination Schedule

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G2-3

The Role of 14-3-3Sigma in Controlling Cancer Metabolism and Energy Production

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GROUP 3 - Biology, Biological/Biomedical Science

G3-1

Genetic Incompatibility of DNA Mismatch Repair Genes MLH1-PMS1

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G3-2

EGFR Signaling Controls the Maintenance and Regeneration of the Planarian Excretory System

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G3-3

Investigating the Non-Canonical Polyadenylation Machinery in *D. melanogaster* S2 Cells

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G3-4

High Resolution Computational Modeling of Left Ventricular Hemodynamics to Assist Prosthetic Valve Design and Implantation

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GROUP 4 - Chemistry, Chemical Engineering, Biochemistry, Agricultural Engineering

G4-1

Catalytic Enantioselective Saucy-Marbet Claisen Rearrangement: Asymmetric Synthesis of Allenyl Oxindoles and Spirooxindoles

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G4-2

BF₃OEt₂-PPromoted Ether-Forming Cross-Coupling Reactions of Organotrifluoroborates and Acetals

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G4-3

Protein-Based Energy Production: Capture of Carbon Dioxide for Subsequent Conversion to Methanol in a Sustainable and Cyclic Design

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GROUP 5 - Aerospace, Civil, Mechanical, Robotics, Industrial, Geotechnical, Environment Engineering

G5-1

A Weakly-Singular SGBEM for Analysis of Cracks in Two-dimensional Multi-Field Media

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G5-2

Structure and Dynamics of Self-Propelled Morse Particles in Three Dimensions

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G5-3

Interactive Simulation for Park Management: A Case Study of Glacier National Park, Montana

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G5-4

The Development of Packaging Science and Technology in Vietnam

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