

HONORING THE LEGACY OF PROF. PATRICK SELVADURAI

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MINISYMPOSIUM

Professor Patrick Selvadurai was an academic luminary whose mark on the fields of continuum mechanics, theoretical geomechanics, and applied mathematics has resonated across the world. His unwavering dedication to education, research, and his enduring passion for knowledge dissemination stand as an exemplar for us all.

This mini-symposium will provide an opportunity to honor his journey by bringing together scholars, researchers, and practitioners from various domains of computational mechanics, who have directly or indirectly benefited or taken inspiration from Prof. Selvadurai's work. The symposium seeks to celebrate and continue his legacy by focusing on the multidisciplinary aspects that defined his distinguished career.

The key areas of focus are: 1) Continuum Mechanics and Geomechanics: explore advancements in theoretical and computational geomechanics, showcasing the evolution of concepts pioneered by Prof. Selvadurai in soil-structure interaction, offshore structures, and environmental geomechanics. 2) Applied Mathematics in Engineering: highlight the impact of Prof. Selvadurai's contributions to applied mathematics in solving complex engineering problems, fostering discussions on mathematical modeling, simulations, and innovative computational techniques. 3) Interdisciplinary Collaborations: emphasize the significance of collaborations across engineering, mathematics, and other disciplines, reflecting Prof. Selvadurai's ability to bridge gaps and forge connections. 4) Educational Excellence: discuss innovative approaches in education and mentoring, inspired by Prof. Selvadurai's commitment to imparting knowledge with passion and dedication. 5) Continuing Philanthropic Endeavors: share plans and initiatives for the foundation set up in Prof. Selvadurai's memory, aimed at realizing his wish to support underprivileged students in pursuing education.

The mini-symposium will comprise presentations and discussions, providing a platform for thought-provoking exchanges and networking opportunities. We especially encourage the participation of former students of Prof. Selvadurai, who now hold academic or industry positions in Canada or abroad.

Professor Patrick Selvadurai's legacy is not limited to his numerous awards, publications, and leadership roles in academia. It transcends disciplines and generations, leaving an enduring impact on the way we perceive, analyze, and solve engineering challenges. This mini-symposium aims to ensure that his legacy lives on by fostering innovation, collaboration, and academic excellence.

In homage to Prof. Selvadurai's life, achievements, and contributions, we cordially invite computational mechanics researchers, engineers, educators, and students to join us in this mini-symposium. Let us gather in Vancouver in July 2024, exactly a year after his passing, to celebrate his legacy, explore the frontiers of

computational mechanics, and strive to perpetuate the spirit of inquiry and multidisciplinary excellence that he embodied.