**Analysis and PDEs on Fractals: A Conference in Memory of Professor Ka-Sing Lau**

FRIDAY, October 27th

LOCATION: Frick Fine Arts Building,

> 3:30 to 3:45 pm, Frick 125, C. Lennard and J. Manfredi, University of Pittsburgh,
> *Conference Opening.*

> 3:45 to 4:45 pm, Frick 125, Sze-Man Ngai, Georgia Southern University,
> *Spectral properties of Laplacians defined by fractal measures.*

> 4:45 pm Reception, Frick Cloister, with the participation of Eveline Young
> (Mrs. Lau), and Helen and Elayne Lau (Ka-Sing's daughters). Participants will
> be invited to share personal remarks and reminiscences about Ka-Sing that
> they may have.

> DINNER at nearby restaurants

SATURDAY, October 28th

> LOCATION: Lectures at Thackeray Hall 704 (seventh floor)

> 9:00 to 9:45 am, Chun-Kit Lai, San Francisco State University
> *Exponential Frames and Bases for Fractals.*

> 10:00 to 10:45 am, Fernando Charro, Wayne State University,
> *The Gelfand problem for the Infinity Laplacian.*

> 11:00 to 11:45 am, András Domokos, California State U. at Sacramento
> *With fractals, towards a fundamental scale.*

> LUNCH at nearby restaurants

> 1:30 to 2:15 pm, Ji Gao, Community College of Philadelphia,
> *Normal Structure, Fixed Points for Non-Expansive Mappings and Some*
> *Geometric Parameters in Banach Spaces X and X*.*

> 2:30 to 3:15 pm, Leonard Wong, University of Toronto,
> *Random walks on hyperbolic graphs and induced Dirichlet forms on self-*
> *similar sets.*

> 3:30 to 4:30 Poster session at Thackeray Hall 705

5:45 pm, Conference Buffet Dinner at 705 Thackeray Hall.
Eveline Young (Mrs Lau) will be present and will talk about Ka-Sing's books.


SUNDAY, October 29th

9:00 to 9:45 am, Nages Shanmugalingam, University of Cincinnati,
*Versions of Dirichlet boundary value problem for $p$-harmonic functions in non-smooth domains.*

10:00 to 10:45 am, Artem Zvavitch, Kent State University,
*Comparison problems for bodies, measures, and functions.*

11:00 to 11:45 am, Peter Lindqvist, Norwegian University of Science and Technology,
*Anomalies in Non-Linear Rayleigh Quotients.*

CLOSING

LUNCH