

# 2009 IGES Schedule of Events

## Sunday, October 18

Time	Event	Location
9:00 - 12:00	IGES Board of Director's Meeting	Hawaii Room
12:00 - 6:00	Registration Open	Conference Kiosk
1:00 - 6:00	Poster Room Open for Posting	Kahuku 1-2
6:00 - 7:00	<b>Welcome Reception</b>	<b>Kahuku Terrace</b>

## Monday, October 19

Time	Event	Abstract Number	Location
7:30 - 5:00	<b>Registration Open</b>		<b>Conference Kiosk</b>
7:30 - 8:30	<b>Breakfast [provided]</b>		<b>Kuilima Ballroom</b>
	<b>Session 1: Presidential Address &amp; Neel Award Finalists</b> Session Chairs: Florence Demenais & Mike Province		<b>Kuilima Ballroom</b>
8:30 - 9:00	<b>Welcome/Presidential Address</b> - Mike Province		
	<b>Neel Award - Young Investigators</b>		
9:00 - 9:15	<b>Enriching the gold dust: extreme-value based genome-wide association in the post-GWAS era</b> - D. Li, D. V. Conti	<b>1</b>	
9:15 - 9:30	<b>Fine mapping of common and rare variants associated with low-density lipoprotein cholesterol (LDL-C) via sequencing candidate loci following genome-wide scans</b> -B. Li, Y. Li, D. Schlessinger, S. Najjar, A. Scuteri, E. Lakkata, S. Sanna, M. Boehnke, G. Abecasis, M. Uda	<b>2</b>	

## Schedule of Events

<b>Time</b>	<b>Event</b>	<b>Abstract Number</b>	<b>Location</b>
9:30 - 9:45	<p><b>An Integration of Genome-Wide Association Study and Gene Expression Profiling to Prioritize the Discovery of Novel Susceptibility Loci for Osteoporosis Related Traits</b></p> <p>- Y. Hsu, M. Zillikens, S.G. Wilson, C.R. Farber, S. Demissie, E.N. Bianchi, L. Liang, J. Richards, K. Estrada, Y. Zhou, N. Soranzo, A. van Nas, M.F. Moffatt, G. Zhai, A. Hofman, J.B. van Meurs, R.I. Price, L. Cupples, A.J. Lulis, E.E. Schadt, S. Ferrari, A.G. Uitterlinden, F. Rivadeneira, T.D. Spector, D. Karasik, D.P. Kiel</p>	<b>3</b>	
9:45 - 10:00	<p><b>Fine mapping of colorectal cancer low penetrance susceptibility loci</b></p> <p>- L.G. Carvajal-Carmona, M. Dunlop, J. Cazier, R.S. Houlston, I.P. Tomlinson</p>	<b>4</b>	
10:00 - 10:30	<b>Break</b>		<b>Kuilima Foyer</b>
10:30-12:00	<p><b>Session 2: Williams Award Finalists &amp; Genetic Architecture/Epigenetics</b></p> <p>Session Chairs: Heather Cordell &amp; Alexander Wilson</p>		<b>Kuilima Ballroom</b>
	<b>Williams Award - Doctoral Students</b>		
10:30 - 10:45	<p><b>A unified mixed effects likelihood framework for detecting associations with rare variants using sib and unrelated individuals with extreme quantitative phenotypes: application to next generation sequencing data.</b></p> <p>- D.J. Liu, S.M. Leal</p>	<b>5</b>	
10:45 - 11:00	<p><b>How to account for gene-environment interaction when testing for association with a reference control panel?</b></p> <p>- R. Kzma, M. Babron, E. Génin</p>	<b>6</b>	
11:00 - 11:15	<p><b>Detecting Association with Rare Genetic Variants in Common Diseases</b></p> <p>- Y. Li, T. Feng, R.C. Elston, X. Zhu</p>	<b>7</b>	
11:15 - 11:30	<p><b>Analysis of Population Based Genetic Association Studies Using Generalized Propensity Scores</b></p> <p>- H. Zhao, T.R. Rebbeck, N. Mitra</p>	<b>8</b>	
	<b>Proffered Talks: Genetic Architecture &amp; Epigenetics</b>		

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<b>Time</b>	<b>Event</b>	<b>Abstract Number</b>	<b>Location</b>
11:30 - 11:45	<b>Legacy of Mutiny on the Bounty: Founder Effect and Admixture on Norfolk Island</b> - S. Macgregor, C. Bellis, B. McEvoy, R.A. Lea, H. Cox, T. Dyer, J. Blangero, P.M. Visscher, L.R. Griffiths	<b>9</b>	
11:45 - 12:00	<b>Association of Genomewide Newborn DNA Methylation Patterns with Maternal Diet, Birth Weight and SNP Variation</b> - R.M. Adkins, J. Krushkal, F. Thomas, J. Morrison, E.F. Magann, F. Tylavsky, G. Somes	<b>10</b>	
12:00 - 1:30	<b>Lunch [provided]</b>		<b>Kuilima Ballroom</b>
12:00 - 1:30	<b>COMMITTEE MEETINGS: (Lunch Served)</b> <ul style="list-style-type: none"> <li>• <b>Program Committee Meeting</b></li> <li>• <b>Membership Committee</b></li> <li>• <b>Education Committee</b></li> </ul>		<b>Oahu Room</b> <b>Maui Room</b> <b>Kauai</b>
	<b>Session 3: Family Studies &amp; Family Data</b> Session Chairs: Alisa Goldstein & Jenny Chang-Claude		<b>Kuilima Ballroom</b>
1:30 - 2:30	<b>Invited Speakers:</b> <b>Family Studies: Are they still relevant? Pro vs Con Discussion</b> - Nan Laird (Pro) & David Balding (Con)		
2:30- 2:45	<b>The power of family data in association and linkage studies</b> - E. Daw	<b>11</b>	
2:45 - 3:00	<b>A risk prediction algorithm for familial prostate cancer incorporating the effects of common genetic variants</b> - R.J. MacInnis, A.C. Antoniou, R.A. Eeles, A.A. Olama, J.L. Hopper, G.G. Giles, D.F. Easton	<b>12</b>	
3:00 - 3:45	<b>IGES Business Meeting</b>		
3:45 - 5:15	<b>Break</b>		<b>Kuilima Foyer</b>
3:45 - 5:15	<b>Poster Session - ODD-NUMBER ABSTRACTS PRESENTED</b>		<b>Kahuku 1-2</b>
5:45 - 9:00	<b>Cocktail Reception/Banquet</b>		<b>Bay View Beach Lawn</b>

## Schedule of Events

### Tuesday, October 20

<b>Time</b>	<b>Event</b>	<b>Abstract Number</b>	<b>Location</b>
7:30 - 5:00	<b>Registration Open</b>		Conference Kiosk
7:30 - 8:30	<b>Breakfast [provided]</b>		Kuilima Ballroom
7:30-8:30	<b>COMMITTEE MEETINGS:</b> (Breakfast Served) • <b>Ambassadors Meeting</b>		Hawaii Room
	<b>Session 4: Sequencing &amp; Computer/Systems Approaches</b> Session Chairs: David Conti & Kari North		Kuilima Ballroom
8:30 - 9:00	<b>Invited Speaker:</b> <b>1000 Genomes Project</b> - Gil McVean		
9:00 - 9:15	<b>Targeted resequencing of over twenty loci implicated in colorectal cancer</b> - M. Lemire, V. Peltekova, Q. Trinh, L. Timms, M. Sam, T. Durbic, A. Cockburn, T. Beck, R. De Borja, M. Chan-Seng-Yue, A. Wong, D. D'Souza, K. Shazand, J.D. McPherson, T.J. Hudson	<b>13</b>	
9:15 - 9:30	<b>Visualizing chromosome mosaicism and detecting ethnic outliers by the method of "rare" heterozygotes and homozygotes (RHH)</b> - R. McGinnis, P. Deloukas, W. McLaren, M. Inouye	<b>14</b>	
9:30 - 9:45	<b>A computational evolution system for open-ended automated learning of complex genetic relationships</b> - J.H. Moore, D. Hill, C.S. Greene	<b>15</b>	
9:45 - 10:00	<b>Informing disease via integrative genetics and systems approaches in human postmortem brain tissue</b> - C. Molony, T. Xie, J. McElwee, J. Zhong, P. Loerch, K. Tanis, J. Zhu, C. Zhang, M. Narayanan, V. Emilsson, D.J. Stone, E.E. Schadt	<b>16</b>	
10:00 - 10:30	<b>Break</b>		Kuilima Foyer
10:30 - 12:00	<b>Session 5: GWAS &amp; Beyond</b> Session Chairs: Nancy Saccone & Konstantin Strauch		Kuilima Ballroom

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<b>Time</b>	<b>Event</b>	<b>Abstract Number</b>	<b>Location</b>
10:30 - 10:45	<b>A Natural Aggregation Function for Pathway/Network-Based Approaches to GWAS and Gene Expression Analysis</b> - D. Heckerman, C. Kadie, X. Zhang, J. Schymick, J. Ravits, B. Traynor, J. Listgarten	17	
10:45 - 11:00	<b>Overcoming Data Quality and Copy Number Detection Issues in Genome-Wide CNV Association Studies</b> - C. Lambert, G. Linse, J. Grover, J. Forsythe, D. Hawkins	18	
11:00 - 11:15	<b>Importance of sequencing rare variants after a genome-wide association study (GWAS): the MC1R gene, 16q24 region and melanoma story (the GenoMEL consortium)</b> - F. Demenais, E. Corda, J. Barrett, M. Iles, E.M. Gillanders, A.M. Goldstein, P.A. Kanetsky, E. Bakker, T. Bishop, J.A. Newton-Bishop, N.A. Gruis	19	
11:15 - 11:30	<b>Lessons to be learned from Genome-wide Interaction Analysis (GWIA)</b> - M. Mattheisen, M. Steffens, T. Becker, T. Sander, R. Fimmers, C. Herold, D.A. Holler, C. Leu, S. Herms, S. Cichon, B. Bohn, T. Gerstner, M. Griebel, M.M. Nöthen, M.P. Baur, T.F. Wienker	20	
11:30 - 11:45	<b>A large genome-wide association study of glycosylated hemoglobin identifies ten common variants not mediated through BMI</b> - E. Wheeler, N. Soranzo, S. Sanna, C. Gieger, D. Radke, J. Dupuis, E. Stolerman, N. Bouatia-Naji, C. Langenberg, I. Prokopenko, M.S. Sandhu, L. Kao, N.J. Wareham, J.C. Florez, M. Uda, I. Barroso, J.B. Meigs, for the MAGIC investigators	21	
11:45 - 12:00	<b>GWAS Meets Microarray: Are the Results of Genome-Wide Association Studies and Gene-Expression Profiling Consistent? Prostate Cancer as an Example</b> - I.P. Gorlov, C. Amos, O. Gorlova, C.J. Logothetis	22	
12:00 - 1:30	<b>Lunch [provided]</b>		<b>Kuilima Ballroom</b>
12:00-1:30	<b>COMMITTEE MEETINGS: (Lunch Served)</b> • <b>ELSI Committee</b> • <b>Genetic Epidemiology</b>		<b>Oahu Room</b> <b>Mauai Room</b>
1:30 - 3:30	<b>Poster Session - EVEN-NUMBER ABSTRACTS PRESENTED</b>		<b>Kahuku 1-2</b>
1:30 - 3:30	<b>Break</b>		<b>Kahuku 1-2</b>

## Schedule of Events

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Time	Event	Abstract Number	Location
	<b>Session 6: Genes, Environment, &amp; Interactions</b> Session Chairs: Nadine Andrieu & Peter Kraft		Kuilima Ballroom
3:30 – 4:00	<b>Invited Speaker:</b> <b>Incorporation of Environmental Factors into Studies of Genetic Factors</b> - Robert Haile		
4:00 – 4:15	<b>Finding that elusive Gene-Environment or Gene-Gene interaction: Prioritizing SNPs for quantitative trait interaction testing</b> - G. Pare, N.R. Cook, P.M. Ridker, D.I. Chasman	23	
4:15 – 4:30	<b>Trait Prediction using Multi-Locus Information: Psoriasis as a Model for Complex Disease Prognostics.</b> - S.J. Schrodi, Y. Li, M. Chang, V.E. Garcia, K. Callis Duffin, R.P. Nair, A.M. Bowcock, J.T. Elder, G.G. Krueger, C.M. Rowland	24	
4:30 – 4:45	<b>Using Pathway Information to Detect Higher Order Interactions in Complex Traits</b> - G.K. Chen, D.C. Thomas	25	
4:45 – 5:00	<b>Investigation of maternal effects, maternal-foetal interactions and parent-of-origin effects (imprinting), using mothers and their offspring</b> - H.J. Cordell, H.F. Ainsworth, J. Unwin	26	