Conference in Honor of Halbert L. White, Jr. - *Causality, Prediction, and Specification Analysis: Recent Advances and Future Directions*

Department of Economics at the University of California, San Diego | May 6-7, 2011

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A conference honoring the lifelong achievements of Halbert L. White, Jr., on the occasion of his 60th birthday, is planned for May 6-7, 2011. Expected attendees are leaders in the field of econometrics and include Halbert L. White's current and former students and numerous co-authors.

Program Committee

- **Charley Bates**, Bates and White
- **Xiaohong Chen**, Yale University
- **Valentina Corradi**, Warwick University
- **Yongmiao Hong**, Cornell University
- **Chung-Ming Kuan**, National Taiwan University
- **Shinichi Sakata**, University of British Columbia
- **Norman R. Swanson**, Rutgers University
- **Jeffrey Wooldridge**, Michigan State University

Organizers

- **Valentina Corradi**, Warwick University
- **Shinichi Sakata**, University of British Columbia
- **Norman R. Swanson**, Rutgers University

Local Organizers

- **Graham Elliott**, UC San Diego
- **Allan Timmermann**, UC San Diego

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Registration

Registration is Closed

Registration is by invitation only. An invitation was sent to each participant via emial. If you did not receive the email, please contact the conference coordinator at econevents@ucsd.edu.

Conference in Honor of Halbert L. White, Jr. - *Causality, Prediction, and Specification Analysis: Recent Advances and Future Directions*

Submissions

The submission of papers is invited for a conference to honor Halbert L. White on the occasion of his 60th birthday. We are delighted to organize this special conference honoring Hal White's lifelong achievements and accomplishments in the field of econometrics. The conference will be attended by leaders in the field of econometrics, including, among others, Hal’s numerous co-authors, current and former students. Contributions in all areas of theoretical and applied econometrics are welcome. There will be invited sessions, contributed plenary sessions, and a poster session.

Prospective contributors are invited to submit papers by **November 30, 2010** via Conference Maker.

Notification of decisions on submissions is expected by December 31, 2010.

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Conference Schedule: Overview

FRIDAY, MAY 6, 2011

	8:15 am	Introductory Comments
8:30 am -	**10:00 am**	Session I: Specification Analysis - Testing I
10:00 am -	**10:30 am**	Break
10:30 am -	**12:30 pm**	Session II: Causality and Prediction - Forecasting Methodology
		Lunch & Poster Session
12:30 pm -	**2:00 pm**	Session III: Specification Analysis - Estimation I
2:00 pm -	**3:30 pm**	Break
3:30 pm -	**4:00 pm**	Session IV: Specification Analysis - Identification
4:00 pm -	**5:30 pm**	Reception & Dinner at Estancia La Jolla Hotel & Spa
6:30pm -	**10:00 pm**	

SATURDAY, MAY 7, 2011

8:30 am -	**10:00 am**	Session V: Specification Analysis - Estimation II
10:00 am -	**10:30 am**	Break
-	**12:00 pm**	Session VI: Specification Analysis - Financial Modeling
10:30 am -	**1:30 pm**	Lunch & Poster Session
-	**3:00 pm**	Session VII: Specification Analysis - Testing II
12:00 pm		Closing Remarks
1:30 pm		**Location:** Rady School of Management, 1S114 Otterson Hall
3:00 pm		

Printable Conference Program - *Updated May 4, 2011*

Conference Schedule: Detailed

FRIDAY, MAY 6, 2011

8:15 am **Introductory Comments**

8:30 am **10:00 am** **Session I: Specification Analysis - Testing I**
Chair: Norman R. Swanson, Rutgers University

Halbert White, Jr., University of California, San Diego, (joint with Xun Lu, Hong Kong University of Science and Technology)
Testing for Separability in Structural Equations

Jerry Hausman, Massachusetts Institute of Technology, (joint with Whitney K. Newey, MIT, Tiemen Wouersen, Johns Hopkins University, John C. Chao, University of Maryland, and Norman R. Swanson, Rutgers University),
Testing Overidentifying Restrictions with Many Instruments and Heteroskedasticity

Jeff Wooldridge, Michigan State University
Quasi Maximum Likelihood Estimation and Testing for Nonlinear Models with Endogenour Explanatory Variables

10:00 am **10:30 am** **Break**

10:30 am **12:30 pm** **Session II: Causality & Prediction - Forecasting Methodology**
Chair: Karim Chalak, Boston College

Valentina Corradi, University of Warwick, (joint with Norman R. Swanson, Rutgers University)
Testing for Forecast and Structural Stability

Peter Hansen, Stanford University, (joint with Allan Timmermann, University of California, San Diego)
Choice of Sample Split in Forecast Evaluation

David F. Hendry, Oxford University
Unpredictability in Economic Analysis, Econometric Modelling

SATURDAY, MAY 7, 2011

8:30 am - 10:00 am **Session V: Specification Analysis - Estimation II**
Chair: Atsushi Inoue, North Carolina State Univeristy, Raleigh

Shinichi Sakata, University of British Columbia
On Long-Run Covariance Matrix Estimation wtih the Truncated Flat Kernel

Ronald Gallant, Duke University, (joint with Han Hong, Stanford University, and Ahmed Khwaja, Yale University)
Bayesian Estimation of a Dynamic Game with Endogenous, Partially Observed, Serially Correlated State

James MacKinnon, Queen's University
Thirty Years of Heteroskedasticity Robust Inference

10:00 am **10:30 am** **Break**

10:30 am **12:00 pm** **Session VI: Specifictaion Analysis - Financial Modeling**
Chair: Ramo Gencay, Simon Fraser University

Robert Engle, New York University, (joint with Christian Brownlees, New York University)
Volatility, Correlation and Tails for Systematic Risk Measurement

Frank Diebold, University of Pennsylvania, (joint with Kamil Yilmaz, Koc University)
On the Network Topology of Variance Decompositions: Measuring the Connectedness of Financial Firms

George Tauchen, Duke University, (joint with Victor Todorov, Northwestern University)
The Realized Laplace Transformation of Volatility

Lunch & Poster Session
12:00 pm **1:30 pm** Poster session participants wil be listed after registration is closed

and Forecasting

Allan Timmerman, University of California, San Diego, (joint with Andrew Patton, Duke University)
Forecast Rationality Tests Based on Multi-Horizon Bounds

12:30 pm 2:00 pm Lunch & Poster Session
Poster session participants will be listed after registration is closed

2:00 pm 3:30 pm Session III: Specification Analysis - Estimation I
Chair: Barbara Rossi. Duke University

Silvia Goncalves, University of Montreal, (joint with Benoit Perron, University of Montreal)
Bootstrapping Factor-Augmented Regression Models

Raffaella Giacomini, University of College London, (joint with Giuseppe Ragusa, Luiss University)
Incorporating Theoretical Restrictions in Forecasting by Projection Methods

Dimitris N. Politis, University of California, San Diego, (joint with E. Paparoditis, University of California, San Diego)
Nonlinear Spectral Density Estimation

3:30 pm 4:00 pm Break

4:00 pm 5:30 pm Session IV: Specification Analysis - Identification
Chair: Patrik Guggenberger, University of California, San Diego

Xiaohong Chen, Yale University, (joint with Elie Tamer, Northwestern University and Alexander Torgovitsky, Yale University)
Sensitivity Analysis in a Semiparametric Likelihood Model: A Partial Identification Approach

Stefan Hoderlein, Boston College, (joint with Halbert White, Jr., University of California, San Diego)
Nonparametric Identification in Nonseparable Panel Data Models

Hiroaki Kaido, Boston University, (joint with Halbert White, Jr., University of California, San Diego)
A Two-Stage Procedure for Partially Identified Models

6:30 pm 10:00 pm

Reception & Dinner at Estancia La Jolla Hotel & Spa with Live Entertainment by Big Band Express
6:30 - 7:30pm: Reception
7:30 - 9:00pm: Dinner
9:00 - 10:00pm: Speeches

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POSTER SESSION I

Bertille Antoine, Simon Fraser University, (joint with Pascal Lavergne)
Consistent Estimation and Inference of Conditional Moment Models under Nearly-Weak Identification

Francisco Blasques, Maastricht University
Semi-Nonparametric Indirect Inference

Jennifer Castle, Oxford University, (joint with Nicholas W. P. Fawcett and David F. Hendry)
Forecasting Breaks and Forecasting during Breaks

Session VII: Specification Analysis - Testing II
1:30 pm 3:00 pm Chair: Tae-Hwy Lee, University of California, Riverside

Chun-Ming Kuan, National Taiwan University
Constructing Smooth and Consistent Tests

Yongmiao Hong, Cornell University, (joint with Ai Han and Shouyang Wang, Chinese Academy of Sciences)
Autoregressive Conditional Models for Interval-Valued Time Series Data

Esfandiar Maasoumi, Emory University, (joint with Simone Giannnerini, Emory University and Estela Bee Dagum, Emory University)
A Powerful Entropy Test for Linearity Against Nonlinearity in Time Series

Closing Remarks
3:00 pm

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POSTER SESSION II

Ramo Gencay, Simon Fraser University, (joint with Yanqin Fan)
Unit Root Tests with Wavelets

Tae-Hwy Lee, University of California, Riverside, (joint with Yundong Tu and Aman Ullah)
Nonparametric and Semiparametric Forecasts Subject to Monotonicity Constraints

Vadim Marmer, University of British Columbia, (joint with Thomas Lemieux)
Weak Identification in Fuzzy Regression Discontinuity Design

Adam McCloskey, Boston University
Parameter Estimation Robust to Low-Frequency Contamination with Applications to ARMA, GARCH and Stochastic Volatility Models

Michael McCracken, Federal Reserve Bank of St. Louis, (joint with Todd E. Clark)
Reality Checks and Nested Forecast Model Comparisons

Serda Ozturk, Istanbul Bilgi University, (joint with Jean-Francois Richard)
Do Returns Granger-Cause Volatility?

Suyong Song, University of Wisconsin, Milwaukee
Semiparametric Estimation of Conditional Moment Models with Possibly Nonsmooth Residuals and Nonclassical Measurement Errors

Lorenzo Trapani, Cass Business School, London
Inferential Theory for Heterogeneity and Cointegration in Large Panels

Xun Lu, Hong Kong University of Science and Tech, (joint with Halbert L. White, Jr.)
Testing for Separability in Structural Equations

Wei Xie, University of Southern California, (joint with Zongwu Cai)
A Nonparametric Additive Model for Stock Returns with Near-Integrated Predictors

Halbert L. White, Jr., University of California, San Diego, (joint with Liangjun Su)
Testing Conditional Independence via Empirical Likelihood

Karim Chalak, Boston College
Identification without Exogeneity in Structural Systems with Proportional Confounding

Kirill Evdokimov, Princeton University
Nonparametric Identification of a Nonlinear Panel Model with Application to Duration Analysis with Multiple Spells

Bin Chen, University of Rochester, (joint with Yongmiao Hong)

Detecting for Smooth Structural Changes in GARCH Models

Richard Golden, University of Texas at Dallas, (joint with Steven S. Henley, Halbert L. White, Jr. and T. Michael Kashner)
New Directions in Information Matrix Testing: Eigenspectrum Tests

Beatrice Golomb, University of California, San Diego
Janus-Faced Predictors---And Why Randomized, Double-Blind, Placebo-Controlled Trials are None of the Above

Eleonora Granziera, Bank of Canada, (joint with Kirstin Hubrich and Roger H. Moon)
A predictability test for a small number of nested models

Patrik Guggenberger, University of California, San Diego, (joint with Federico A. Bugni and Ivan A. Canay)
Distortions of Asymptotic Confidence Size in Locally Misspecified Moment Inequality Models

Andreea Halunga, University of Exeter, (joint with James Davidson)
Consistent Model Specification Testing

Christian Haefke, Institut for Advanced Studies, (joint with Ines Fortin and Leopold Soegner)
Bayesian Estimation and Specification Analysis for Mixtures of Skewed Multivariate Switching GARCH-t Models with Jumps

Igor Kheifets, New Economic School, (joint with Carlos Velasco)
New Goodness-of-Fit Diagnostics for Dynamic Discrete Data

Barbara Rossi, Duke University, (joint with Atsushi Inoue)
Robust Out-of-Sample Forecast Tests

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Accommodations

Hotel Reservation Deadline: Tuesday, April 5, 2011

The room block will be released and the special rate will not be available after Tuesday, April 5th

Hotel Information:
Estancia La Jolla Hotel & Spa
Rate: $179 + tax
Reservations: 877-437-8262
Reference: *Causality, Prediction, and Specification Analysis Conference*

Please note that while the conference organizers expect numerous key figures in the field to give invited talks, there will be no travel or lodging subsidy available for conference participants.

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