

**LARS H. EHLERS**  
Curriculum Vitae

**UNIVERSITY ADDRESS**

Département de Sciences Économiques  
Université de Montréal  
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**POSITION**

Professor  
(2011 — present)  
Associate Professor 2005 — 2011;  
Assistant Professor 2001 — 2005;  
Research Fellow of CIREQ  
  
Visiting Scholar (January-June 2008)  
Harvard Business School

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**EDUCATION**

Ph.D. in Economics, Maastricht University, May 2001.  
Diploma in Mathematics, University of Technology Aachen, July 1997.

**RESEARCH INTERESTS**

Implementation, Mechanism Design, Matching Theory, Game Theory, Social Choice.

**PUBLICATIONS (received more than 130 citations<sup>1</sup> in published and forthcoming articles)**

**Refereed Journals**

“Indifference and the Uniform Rule,”  
*Economics Letters* **67** (2000): 303—308.  
“Independence Axioms for the Provision of Multiple Public Goods as Options,”  
*Mathematical Social Sciences* **41** (2001): 239—250.  
“Solidarity and Probabilistic Target Rules,” with B. Klaus,  
*Journal of Public Economic Theory* **3** (2001): 167—184.  
“Probabilistic Allocation Rules and Single-Dipped Preferences,”  
*Social Choice and Welfare* **19** (2002): 325—348.  
“Resource-Monotonic Allocation when Preferences are Single-Peaked,”  
*Economic Theory* **20** (2002): 113—131.  
“Multiple Public Goods and Lexicographic Preferences: Replacement Principle,”  
*Journal of Mathematical Economics* **37** (2002): 1—15.  
“Coalitional Strategy-Proof House Allocation,”  
*Journal of Economic Theory* **105** (2002): 298—317.  
“Strategy-Proof Probabilistic Decision Schemes for One-Dimensional Single-Peaked Preferences,” with H. Peters and T. Storcken, *Journal of Economic Theory* **105** (2002): 408—434.  
“Strategy-Proof Allocation when Preferences are Single-Plateaued,”  
*Review of Economic Design* **7** (2002): 105—115.  
“Strategy-Proofness and Population-Monotonicity for House Allocation Problems,” with B. Klaus and S. Pápai, *Journal of Mathematical Economics* **38** (2002): 329—339.  
“On Fixed-Path Rationing Methods,”  
*Journal of Economic Theory* **106** (2002): 472—477.  
“Candidate Stability and Non-Binary Social Choice,” with J.A. Weymark,  
*Economic Theory* **22** (2003): 233—243.  
“Multiple Public Goods, Lexicographic Preferences, and Single-Plateaued Preference Rules,”  
*Games and Economic Behavior* **43** (2003): 1—27.  
“Coalitional Strategy-Proof and Resource-Monotonic Solutions for Multiple Assignment Problems,” with B. Klaus, *Social Choice and Welfare* **21** (2003): 265—280 (*in honor of L. Gevers*).

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<sup>1</sup> Self-citations and citations in working papers are excluded. A detailed list is available upon request.

“Probabilistic Assignments of Identical Indivisible Objects and the Probabilistic Uniform Correspondence,” with B. Klaus, *Review of Economic Design* **8** (2003): 249—268.  
 “Resource-Monotonicity for House Allocation Problems,” with B. Klaus, *International Journal of Game Theory* **32** (2003): 545—560.  
 “Monotonic and Implementable Solutions in Generalized Matching Problems,” *Journal of Economic Theory* **114** (2004): 358—369.  
 “In Search of Advice for Participants in Matching Markets which use the Deferred-Acceptance Algorithm,” *Games and Economic Behavior* **48** (2004): 249—270.  
 “Threshold Strategy-Proofness: On Manipulability in Large Voting Problems,” with H. Peters and T. Storcken, *Games and Economic Behavior* **49** (2004): 103—116.  
 “Strategy-Proof Assignment on the Full Preference Domain,” with A. Bogomolnaia and R. Deb, *Journal of Economic Theory* **123** (2005): 161—186.  
 “Efficient Priority Rules,” with B. Klaus, *Games Economic Behavior* **55** (2006): 372—384.  
 “Consistent House Allocation,” with B. Klaus, *Economic Theory* **30** (2007): 561—574.  
 “Von Neumann-Morgenstern Stable Sets in Matching Problems,” *Journal of Economic Theory* **134** (2007): 537—547.  
 “Incomplete Information and Singleton Cores in Matching Markets,” with J. Massó, *Journal of Economic Theory* **136** (2007): 587—600.  
 “Weakened WARP and Top-Cycle Choice Rules,” with Y. Sprumont, *Journal of Mathematical Economics* **44** (2008): 87—94.  
 “Cooperation and Equity in the River Sharing Problem,” with S. Ambec, *Chapter 6 in Game Theory and Policy Making in Natural Resources and the Environments*, edited by A. Dinar, J. Albiac and J. Sanchez-Soriano, Routledge Explorations in Environmental Economics, 2008.  
 “Truncation Strategies in Matching Markets,” *Mathematics of Operations Research* **33** (2008): 327—335.  
 “Sharing a River among Satiated Countries,” with S. Ambec, *Games and Economic Behavior* **64** (2008): 35—50.  
 “Arrow’s Possibility Theorem for One-Dimensional Single-Peaked Preferences,” with T. Storcken, *Games and Economic Behavior* **64** (2008): 533—547.  
 “Choosing Wisely: The Natural Multi-Bidding Mechanism,” *Economic Theory* **39** (2009): 505—512.  
 “Oligarchies in Spatial Environments,” with T. Storcken, *Journal of Mathematical Economics* **45** (2009): 250—256.  
 “Efficient Assignment Respecting Priorities,” with A. Erdil, *Journal of Economic Theory* **145** (2010): 1269—1282.  
 “Manipulation via Capacities Revisited,” *Games and Economic Behavior* **69** (2010): 302—311.  
 “Externalities, Potential, Value, and Consistency,” with B. Dutta and A. Kar, *Journal of Economic Theory* **145** (2010): 2380—2411.  
 “Free Triples, Large Indifference Classes and the Majority Rule,” with S. Barberà, *Social Choice and Welfare*, forthcoming (*Issue in honor of P.K. Pattanaik*).  
 “A Characterization of the Uniform Rule without Pareto-Optimality,” *SERIEs*, forthcoming (*Issue in honor of S. Barberà*).

### Working Papers

“Respecting Priorities when assigning Students to Schools,” June 2002 (revised 2007).  
 “School Choice with Control,” Dec. 2010.  
 “Matching Markets under (In)complete Information,” with J. Massó, May 2010.  
 “Allocation via Deferred-Acceptance under Responsive Priorities,” with B. Klaus, December 2009, under revision.  
 “Top Trading with Fixed Tie-Breaking in Markets with Indivisible Goods,” February 2011.  
 “Strategy-Proof Tie-Breaking,” with A. Westkamp, August 2011.  
 “Minimal Manipulability and Fairness,” with T. Andersson and L.-G. Svensson, Nov. 2010.  
 “Regulation via the Polluter-Pays Principle,” with S. Ambec, Dec. 2010.

“Farsighted Coalitional Stability in Decentralized Matching Markets,” with Hideo Konishi, in progress.

“The Proportionality Principle, the Shapley Value and the Assignment of Heterogenous Objects,” with A. Bogomolnaia and R. Deb, in progress.

“Parliamentary Voting Procedures,” with T. Storcken, in progress.

## **GRANTS**

FQRSC Individual Grant 2002—2005 (three academic years), 45000 CAN\$.

SSHRC Standard Research Grant 2003—2006 (three academic years), 67791 CAN\$; **ranked 1<sup>st</sup> out of 115 applications (score 9.68 out of 10).**

SSHRC Standard Research Grant 2006—2009 (three academic years), 76201 CAN\$; score **11.38 out of 12.**

FQRSC Team Grant 2008-2012 (four academic years), Director, 302600 CAN\$.

SSHRC Standard Research Grant 2009—2012 (three academic years), 64000 CAN\$; score **10.56 out of 12.**

## **TEACHING AND STUDENT SUPERVISION**

Courses taught: Game Theory (undergraduate), Public Finance (undergraduate), Microeconomics (undergraduate/graduate), Industrial Organization (graduate), Social Choice Theory| Taught in French, English, Dutch, and German.

Student Supervision: T. Diallo (Ph.D., April 2006), P. de Lamirande (Ph.D., August 2006), C. Tsimpo (Ph.D., in progress); Sébastien Paquet-Poirier (M.Sc, finished with A+ in December 2005); I. Hamdi (M.Sc., finished with B in January 2009); M. Agbaglah (Ph.D., in progress), Eric Desbiens (M.Sc., in progress).

Member of Thesis Committee of G. Clément (M.Sc.), Mathieu Jodoin (M.Sc.), Marc Vorsatz (Ph.D., UAB), Joana Pais (Ph.D., UAB), M.-H. Cloutier (in progress); C. Trudeau (Ph.D., UdeM), Jin Zhang (Ph.D., McGill), Samuel Njiki Njiki (Ph.D., UdeM).

Member of Hiring Committee 2003/4/5;

Member of FQRSC Committee 2003/4;

Member of SSRHC Postdoctoral Committee, 2009/10, 2010/11, and 2011/2012;

*Director of Masters Program 2005-2010.*

## **PRESENTATIONS**

### **Keynote speaker**

Advances in Collective Choice, Maastricht U, Netherlands, April 29, 2006.

16<sup>th</sup> Coalition Theory Network Workshop, Barcelona, Spain, February 4, 2011.

Social Choice and Welfare Prize Lecture, 11<sup>th</sup> Meeting of SSCW, New Delhi, India, August 17-20, 2012.

### **Conferences**

Fourth International Meeting of the Society for Social Choice and Welfare, UBC, Vancouver, Canada, July 4, 1998| International Conference on Logic, Game Theory and Social Choice, Oisterwijk, The Netherlands, May 14, 1999| Conference on Axiomatic Resource Allocation Theory, Namur, Belgium, July 1, 1999| IFORS'99, 15<sup>th</sup> Triennial Conference, Beijing, China, August 20, 1999| Conference on Economic Design (SED 2000), Istanbul, Turkey, June 23, 2000| Fifth International Meeting of the Society for Social Choice and Welfare, Alicante, Spain, June 30, 2000| V Conference of the Society for the Advancement of Economic Theory, Ischia, Italy, July 2, 2001| Canadian Economic Theory Conference 2002, Toronto, Canada, May 26, 2002| Conference on Economic Design (SED 2002), NYU, New York, USA, July 7, 2002| Sixth International Meeting of the Society for Social Choice and Welfare, CalTech, Pasadena, USA, July 12, 2002| 2003 North American Summer Meeting of the Econometric Society, NWU, Evanston, USA, June 28, 2003 (*invited*)| SITE 2003 Conference (Matching Markets), Stanford University, Stanford, USA, August 15, 2003 (*invited*)| Wallis Conference, U of Rochester, Rochester, USA, April 17, 2004 (*invited*)| Workshop 2004 on Economic Decisions, Public University of Navarra, Pamplona, June 18, 2004| Seventh International Meeting of the Society for Social Choice and Welfare, Osaka, Japan, July 23, 2004| EEA-ESEM 2004, U Carlos III, Madrid, Spain, August 22, 2004| New Trends in Cooperative Game Theory, Guanajuato, Mexico, January 16, 2005| Canadian Economic Theory Conference 2005, Vancouver, Canada, May 13, 2005| Midwest Economic Theory Conference 2005, U of Kansas, Kansas, USA, October 15, 2005| 2nd Christmas Conference of German Expatriate Economists, Berlin, Germany, December 22, 2005| Eighth International Meeting of the Society for Social Choice and Welfare, Istanbul, Turkey, July 14, 2006| 3rd Christmas Conference of German Expatriate Economists, Munich, Germany, December 21, 2006|

Microfoundations of Markets with Frictions, CIRPEE, UQAM, Montreal, Canada, May 26, 2007| Workshop on Matching, UAB, Barcelona, Spain, June 8, 2007| Summer School on Political Economy and Social Choice, U of Malaga, Torremolinos, Spain, June 11, 2007| Conference of the Society for the Advancement of Economic Theory, Kos, Greece, June 24, 2007| 4th Christmas Conference of German Expatriate Economists, Mannheim, Germany, December 21, 2007| SISL-Mini Conference on Matching, CalTech, Pasadena, USA, March 1, 2008| Ninth International Meeting of the Society for Social Choice and Welfare, Montreal, Canada, June 19, 2008| 27<sup>th</sup> Arne Ryde Symposium (on Mechanism Design), Lund, Sweden, September 12, 2008| LAMES 2008, Rio de Janeiro, Brazil, November 20, 2008| Conference on Economic Design (SED 2009), Maastricht, The Netherlands, June 22, 2009| Roth and Sotomayor 20 years after, Duke University, Durham, NC, May 7, 2010| PET'10, Istanbul, Turkey, June 26, 2010| Tenth International Meeting of the Society for Social Choice and Welfare, Moscow, Russia, July 21, 2010| UECE Lisbon Meetings: Game Theory and Applications, Portugal, November 5, 2010| CEA Meetings, Ottawa, Canada, June 3, 2011| Salvador Barbera 65', Barcelona, Spain, June 9, 2011| Conference on Economic Design (SED 2011), Montreal, Canada, June 15, 2011| LGS 7, Bucharest, Romania, July 7, 2011| GDRI, Marseille, France, September 15, 2011.

### **Seminars**

Social Choice and Welfare Seminar, Maastricht U, Maastricht, January 12, 1998| Social Choice and Welfare Seminar, CentER, Tilburg U, Tilburg, March 27, 1998| Game Theory Seminar, CentER, Tilburg U, Tilburg, April 16, 1999| Theory Workshop, U of Rochester, Rochester, USA, March 1, 2000| Faculty Seminar, M.R.S.H., U of Caen, Caen, France, May 9, 2000| Social Choice and Welfare Seminar, CentER, Tilburg U, Tilburg, June 9, 2000| Game Theory Seminar, CentER, Tilburg U, Tilburg, September 15, 2000| Job Market Seminar, U de Montréal, Montréal, Canada, February 2, 2001| Theory Workshop, IDEA, UAB, Barcelona, Barcelona, Spain, May 17, 2001| Séminaire de microéconomie, U de Montréal, Montréal, Canada, September 24, 2001| Faculty Seminar, SMU, Dallas, USA, November 29, 2001| Economic Theory and Industrial Organization Workshop, U Carlos III, Madrid, Spain, December 11, 2001| Department Seminar, McGill U, Montréal, Canada, October 25, 2002| Microeconomic Theory Workshop, Rice U, Houston, Texas, USA, March 6, 2003| Microeconomics Workshop, Queen's U, Kingston, Canada, April 7, 2003| Social Choice Workshop, UAB, Barcelona, Spain, May 20, 2003| Department Seminar, U of Notre Dame, Notre Dame, USA, October 3, 2003| Theory Seminar, NYU, New York, USA, October 15, 2003| Theory Workshop, U of Toronto, November 4, 2003| Department Seminar, Vanderbilt U, Nashville, USA, September 23, 2004| Bray Theory Workshop, CalTech, Pasadena, USA, February 23, 2005| Economic Theory Workshop, Columbia U, March 27, 2006| Department Seminar, U of Vigo, Spain, June 8, 2006| Seminar, U of Pittsburgh, USA, September 29, 2006| Seminar, U of Manchester, England, October 25, 2006| CRETA Seminar, U of Warwick, England, October 27, 2006| Seminar, Maastricht U, The Netherlands, July 12, 2007| Market Design Workshop, Harvard U, Boston, USA, May 16, 2008| Seminar, Carnegie Mellon U, Pittsburgh, USA, November 07, 2008| Environmental Economics Workshop, Toulouse School of Economics, Toulouse, France, May 20, 2009| Departmental Seminar, Department of Economics, Lund University, Sweden, February 16, 2010| Theory Workshop, Department of Economics, U of Rochester, USA, April 7, 2010| Departmental Seminar, Department of Economics, Lund University, Sweden, February 17, 2011.

### **PROFESSIONAL ACTIVITIES**

**Member of Editorial Boards:** Social Choice and Welfare (from January 2007), Review of Economic Design (from June 2011).

**Honors:** *Elected to the Council of SSCW (2005-2009)*; Extramural Research Fellow of METEOR (Maastricht U, 2007-2010); Researcher of MITACS; *Recipient of the 6<sup>th</sup> Social Choice and Welfare Prize*.

**Refereeing:** *Econometrica*, *American Economic Review*, *Review of Economic Studies*, *Journal of Economic Theory*, *Games and Economic Behavior*, *Economic Theory*, *Journal of Mathematical Economics*, *Mathematics of Operations Research*, *Operations Research*, *International Economic Review*, *Social Choice and Welfare*, *Review of Economic Design*, *Mathematical Social Sciences*, *International Journal of Game Theory*, *Journal of Public Economic Theory*, *Theory and Decision*, *Economics and Philosophy*, *Economics Bulletin*, *Canadian Journal of Economics*, *National Science Foundation*, *SSHRC*, *NSERC*, *Tenure Committee*, *Theoretical Economics*.

**Memberships:** *Econometric Society*, *American Economic Association*, *Societies for Social Choice and Welfare and Economic Design*, *Game Theory Society*.

**Program Committees:** SCW 2006 (Istanbul), Society for Economic Design 2006 (Bodrum) (included organizing a special session), Co-Program Chair and Member of Local Organizing Committee of SCW 2008 (Montreal), UECE-Lisbon Meetings in Game Theory and Applications (2010 and 2011), *Organizer SED 2011 (Montreal)*, SCW 2012 (New Delhi).

#### **ATTENDED WORKSHOPS**

Mathematical Methods and Models for Social Choice and Distributive Justice, UBC, Vancouver, Canada, July 2, 7-9, 1998| Design of Markets and Organizations under Incomplete Information, UBC, Vancouver, Canada, July 13-17, 1998| Philosophical Foundations of Normative Economics, Venice International University, Venice, Italy, August 28-September 2, 1998| GREBE-FRANCQUI Summer School on Axiomatic Resource Allocation Theory, U of Namur, Namur, Belgium, July 4-9, 1999| Mathematical Models of Individual and Public Choice, UC Irvine, Irvine, California, U.S.A., July 9-28, 2000 (*invited*).

#### **REFERENCES**

##### **Hervé Moulin**

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##### **William Thomson**

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