

# Rodrigo A. González

Control Systems Technology  
Department of Mechanical Engineering  
Eindhoven University of Technology, the Netherlands

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## Personal Information

Full name: Rodrigo Alejandro González Vidal  
Date of birth: 24<sup>th</sup> of September of 1992  
Professional Degree: Ingeniero Civil Electrónico (Electronics Engineer)

## Education

- **KTH Royal Institute of Technology** Stockholm, Sweden  
*Ph.D. in Electrical Engineering* Oct. 2017 - May 2022
  - Title: *Continuous-time System Identification: Refined Instrumental Variables and Sampling Assumptions.*
  - Supervisor: Prof. Cristian R. Rojas
  - Opponent and Committee: Prof. Marion Gilson (Université de Lorraine, France), Dr. ir. John Lataire (VUB, Belgium), Prof. Tomas McKelvey (Chalmers, Sweden), Assoc. Prof. Roland Toth (TU Eindhoven, the Netherlands).
- **KTH Royal Institute of Technology** Stockholm, Sweden  
*Licentiate of Electrical Engineering* Oct. 2017 - June 2020
  - Title: *Consistency and Efficiency in Continuous-time System Identification*
  - Supervisor: Prof. Cristian R. Rojas.
  - Opponent: Prof. Hugues Garnier (Université de Lorraine, Nancy, France)
- **Universidad Técnica Federico Santa María** Valparaíso, Chile  
*Master of Science of Electronic Engineering (Major: Automatic Control)* Mar. 2015 - Nov. 2016
  - Title: *Imposition of Causality and Passivity in Spectral Analysis* (in Spanish).
  - Supervisor: Prof. Ricardo A. Rojas
  - Committee: Ph.D. Ricardo A. Rojas (UTFSM, Chile), Ph.D. Cristian R. Rojas (KTH, Sweden), Ph.Dc. Patricio E. Valenzuela (KTH, Sweden), Ph.D. Daniel Sbárbaro (U. Concepción, Chile)
- **Universidad Técnica Federico Santa María** Valparaíso, Chile  
*Electronics Engineering Degree (6-year degree)* Mar. 2011 - Nov. 2016
  - Supervisor: Prof. Ricardo A. Rojas
  - GPA: 92% (Maximum: 100%). Ranking: 1<sup>st</sup> out of 70 students

## Research Experience

- **Postdoctoral researcher** Eindhoven, the Netherlands  
*Department of Mechanical Engineering, TU/e* June 15th, 2022 -
  - Working with Prof. Tom Oomen's group, as part of the Control Systems Technology Section.

- **Visiting Researcher** Valparaíso, Chile  
*Department of Electronics, UTFSM* Dec. 2022 - Jan. 2023
  - 4-week research visit to the group of Prof. J. C. Agüero.
  - Funded by the Chilean National Agency for Research and Development (ANID), grant ANID-FONDECYT 1211630.
- **Ph.D. student** Stockholm, Sweden  
*Division of Decision and Control Systems, KTH* Oct. 2017 - May 2022
  - Under the supervision of Prof. Cristian R. Rojas.
- **Visiting Researcher** Newcastle, NSW, Australia  
*School of Electrical Engineering and Computing, University of Newcastle* Nov. 2019 - Dec. 2019
  - 5-week research visit to the group of Assoc. Prof. James Welsh
  - Funded by the Complex Dynamic Systems and Control (CDSC) Scholarship.
- **Reviewer**  
*IEEE-IFAC* 2017 -
  - Reviewer for IFAC Automatica Journal, Elsevier Signal Processing Journal, IEEE Transactions on Automatic Control, International Journal of Control, IEEE Control Systems Letters, IFAC World Congress, IFAC Symposium on System Identification, , IEEE Conference on Decision and Control (CDC), American Control Conference (ACC), IEEE Conference on Control Technology and Applications (CCTA).
  - Reviewer for the Fondecyt Research Initiation Project Competition, ANID, Chile.
- **Research Assistant** Valparaíso, Chile  
*Department of Electronics, UTFSM* Feb. 2017 - Sept. 2017
  - Hired by Project FONDECYT 1161241, ‘Optimal estimation and control over communication channels subject to data loss’
  - Under the supervision of Prof. Francisco Vargas
  - Output: One conference paper (ECC2018), two journal papers (TAC and L-CSS).
- **Visitor** Stockholm, Sweden  
*Division of Decision and Control Systems, KTH* Mar. 2016
  - 2-week research visit to the System Identification Group of KTH, invited by Prof. Cristian Rojas.
- **Research Intern** Berlin, Germany  
*Control Systems Group, TU Berlin* Jan. 2016 - Feb. 2016
  - 8-week internship
  - Funded by CONICYT’s ‘Scholarship for short internships abroad’.

## Teaching and Supervision Experience

- **Teaching Assistant** TU/e, the Netherlands  
*4SC070 ‘Learning control’ (Masters Course)* Spring 2023
- **Teaching Assistant** TU/e, the Netherlands  
*4CM40 ‘Physical and Data-driven Modelling’ (Masters Course)* Spring 2023
- **Teaching Assistant** KTH, Sweden  
*EL2820 ‘Modelling of Dynamical Systems’ (Masters Course)* Autumns 2018-2021
- **Supervisor of Bachelor Theses projects** KTH, Sweden  
*Bachelor Thesis Course, Electrical Engineering Program* Springs 2018-2020

- Project 2020: ‘Stock Market Prediction with Deep Learning’ by Kiar Fatah and Tariq Nazar.
- Project 2019: ‘Evaluating LASSO and ARIMA algorithms for financial forecasting’, by Oskar Erlandsson and Andrej Wilczek.
- Project 2018: ‘Evaluating different algorithms for detecting change-points in time series’, by Henrik Eriksson and Victor Löfgren.

• **Supervisor of MSc. Theses**

KTH, Sweden

*Master Program in System, Control and Robotics*

2018-2021

- Thesis 2021: ‘Current Control and Modelling of an Inspiration Valve’ by Astrid Lindstedt (with Getinge).
- Thesis 2021: ‘System Identification of continuous-time systems with quantized output data using indirect inference’ by Frida Persson.
- Thesis 2020: ‘Inertial Domain Transfer using Generative Adversarial Networks’ by Saieshwar Radhakrishnan (with Scania)
- Thesis 2020: ‘Adaptive Model Predictive Control for Reference Tracking Vehicle Motion’ by Sven Grenholm (with Transrail)
- Thesis 2019: ‘Online maximum capacity estimation of a propulsion battery on heavy duty vehicles’, by Nikolaos Karavalakis (with Scania)
- Thesis 2018: ‘Hydraulic Closed Loop Control’, by Maria Elfving (with Volvo)

• **Teaching Assistant**

Department of Electronics, UTFSM, Chile

*ELO-370 ‘Automatic Control II’(Digital Control)*

2<sup>nd</sup> Semester 2016

• **Teaching Assistant**

Department of Electronics, UTFSM, Chile

*ELO-104 ‘Linear Systems Analysis’ (four times)*

2015 - 2016

• **Teaching Assistant**

Department of Mathematics, UTFSM, Chile

*MAT-024 ‘Multivariable Integration and PDEs’*

2<sup>nd</sup> Semester 2015

• **Teaching Assistant**

Department of Mathematics, UTFSM, Chile

*MAT-023 ‘Multivariable Differential Calculus and ODEs’*

1<sup>st</sup> Semester 2014

• **Teaching Assistant**

Department of Physics, UTFSM, Chile

*FIS-120 ‘Electromagnetism’*

2<sup>nd</sup> Semester 2013

• **Teaching Assistant**

Department of Mathematics, UTFSM, Chile

*MAT-021 ‘Algebra and Elementary Calculus’*

1<sup>st</sup> Semester 2013

• **Teaching Assistant**

Department of Mathematics, UTFSM, Chile

*MAT-022 ‘Linear Algebra and Single Variable Integration’ (twice)*

2<sup>nd</sup> Semester 2012-2013

## Other working experience

• **Volunteer in the organizing crew of SYSID’18**

Stockholm, Sweden

*KTH Royal Institute of Technology*

2018

- In charge of solving technical issues and support during the IFAC Symposium on System Identification (SYSID’18), held in Stockholm.

• **Report Assistant**

Valparaíso, Chile

*Department of Electronics, UTFSM*

2016

- Report assistant and member of the committee of the accreditation process of the Master of Science degree in Electronic Engineering.

- After 1 year of work, we obtained 2 extra years of accreditation of the program (from 6 to 8).

- **Vicepresident of the Student Union** Valparaíso, Chile  
*Department of Electronics, UTFSM* 2015
  - Vicepresident of the association of all ~650 students of Electronic and Telematic Engineering of the UTFSM. The position lasts one year.
- **Summer intern** Ventanas, Chile  
*Codelco, Ventanas Division* Jan. 2015 - March. 2015
  - Summer intern for 8 weeks in the Refinement section of Codelco (National Corporation of Copper).
- **Summer intern** Santiago, Chile  
*Honeywell Chile S.A.* Jan. 2014 - March. 2014
  - Summer intern for 8 weeks in Honeywell Chile S.A., Advanced Process Control Area.
- **PSU practice test corrector** Valparaíso, Chile  
*Admission team, UTFSM* 2011 - 2016
  - In charge of the validation and listing of format and mathematical errors of the PSU (National University Selection Test) practice tests of the UTFSM.
  - Over 30 practice exams validated.

## Courses

- **Ph.D. Courses taken at KTH, Sweden:**
  - FJL3380, Theoretical Foundations of Machine Learning (Spring 2019)
  - FAK3127, The Sustainable Scientist (Spring 2019)
  - FEL3202, Data Driven Modeling - Extended Course (Spring 2019)
  - FEL3370, Mathematical Method in Signals, Systems and Control (Spring 2019)
  - FAK3014, Theory and Methodology of Science (Spring 2019)
  - FEM3200, Optimal Filtering (Autumn 2018)
  - FEM3220, Matrix Algebra (Spring 2018)
  - FDS3103, Introduction to Scientific Writing (Spring 2018)
  - FSF3862, Nonlinear Systems, Analysis and Control (Spring 2018)
  - FLH3000, Basic Communication and Teaching (Spring 2018)
  - FEL3210, Multivariable Feedback Control Systems (Autumn 2017)
  - FEF3301, Computational Game Theory (Autumn 2017)
- **MSc./Ph.D. Courses taken at UTFSM, Chile:**
  - MAT235, Functional Analysis (attended lectures Semester 2017-1)
  - MAT379, Optimization and Control (attended lectures Semester 2017-1)
  - MAT263, Probability Theory and Stochastic Processes (attended lectures Semester 2016-1)
  - MAT226, Measure Theory (attended lectures Semester 2015-2)
  - MAT235, Complex Variables (Semester 2015-2)
  - IPD476, Multivariable Control (Semester 2015-2)
  - MAT225, Real Analysis (Semester 2015-1)

- IPD469, Models for Control (Semester 2015-1)
- IPD462, Advanced Design of Control Systems (Semester 2015-1)
- IPD468, System Dynamics (Semester 2014-2)
- IPD460, Information Theory (Semester 2014-2)
- IPD431, Probability and Random Processes (Semester 2014-1)
- IPD410, Mathematical Methods in Automatic Control (Semester 2013-2)
- **Coursera courses taken (with certificate):**
  - Number Theory and Cryptography (UC San Diego)
  - The Science of Well-Being (Yale)
  - Psychological First Aid (John Hopkins University)
  - Learning How to Learn: Powerful mental tools to help you master tough subjects (McMaster University)
  - Write Professional Emails in English (Georgia Institute of Technology)
  - Work Smarter, Not Harder: Time Management for Personal & Professional Productivity (UCI Division of Continuing Education)

## Merits and Awards

- **Recipient of the ‘Esfuerzo es Progreso’ Award** Valparaíso, Chile  
*UTFSM* 2019
  - Testamentary donation/award given to the best Electronic Engineering student of UTFSM graduated in 2016.
- **Recipient of Complex Dynamic Systems and Control (CDSC) Scholarship** Newcastle, Australia  
*University of Newcastle, Australia* 2019
  - Research scholarship of AUD \$5000 for visiting the University of Newcastle during November 2019.
- **Recipient of grant by The Ericsson Research Foundation** Stockholm, Sweden  
*Ericsson* 2019
  - Grant of 10000 SEK to attend the 2019 Summer School of High Dimensional Probability and Algorithms, held in Paris, France, July 1-5th.
- **Recipient of the ‘Marcos Orrego Puelma’ Award** Santiago, Chile  
*Institute of Engineers of Chile* 2017
  - Award given to the best Engineering student of UTFSM graduated in 2016 (among ~1000 students).
- **Recipient of the ‘Mejor Titulado Ing. Civil Electrónica Promoción 2016’ award** Valparaíso, Chile  
*School of Engineers of Chile* 2017
  - Distinction given to the best Electronic Engineer of UTFSM graduated in 2016, in recognition of his academic performance and his conditions of leadership and participation.
- **Recipient of the Academic Distinction ‘Federico Santa María’** Valparaíso, Chile  
*UTFSM* 2016
  - Award given to the best student of Electronics Engineering graduated in 2016.
- **Outstanding student of Master studies in Electronic Engineering** Valparaíso, Chile  
*UTFSM* 2016

- Award given to the best student of Master of Science of Electronic Engineering graduated in 2016.
- **Recipient of the CONICYT ‘Scholarship for Master studies in Chile’** Santiago, Chile  
*CONICYT* 2015-2016
  - National scholarship given to approximately 250 students in Chile per year to economically support their MSc. studies in a Chilean university.
  - Achieved the third highest score in the scholarship selection process (out of more than 2500 applicants).
- **Recipient of the CONICYT ‘Scholarship for short internships abroad’** Santiago, Chile  
*CONICYT* 2015
  - National scholarship given to approximately 60 students in Chile per year to afford a short internship in a university abroad.
- **1<sup>st</sup> place in the Honor list** Valparaíso, Chile  
*UTFSM* 2014 and 2015
  - Honor given to the student with the best academical performance of all the University (among ~10000 students).
- **2<sup>nd</sup> place in the Honor list** Valparaíso, Chile  
*UTFSM* 2013 and 2016
  - Honor given to the student with the second best academical performance of all the University (among ~10000 students).
- **Recipient of the Academic Merit of the Electronics Department Award** Valparaíso, Chile  
*Department of Electronics, UTFSM* 2012-2017
  - Award given to all the students of the Electronics Department with average academic qualifications of over 80 out of 100 (95th percentile approximately).
  - Award won six consecutive times (all the times possible).
- **Recipient of the ‘Premio al Mérito Académico UTFSM’** Valparaíso, Chile  
*UTFSM* 2012-2016
  - Award given to the two students with highest academic qualifications of all their generation in the University (around 1000 students per generation).
  - Award won five consecutive times (all the times possible).
- **‘Puntaje Nacional’ Scholarship** Valparaíso, Chile  
*UTFSM* 2011-2016
  - Full undergraduate and postgraduate scholarship given to the student with perfect score in any PSU test (National University Selection Test) of 2010.
- **Highest PSU score of the UTFSM in 2011** Valparaíso, Chile  
*UTFSM* 2011
  - Honor given to the student with highest average PSU (National University Selection Test) score who entered the UTFSM in 2011.
- **Perfect PSU score in Mathematics** Valparaíso, Chile  
*Ministry of Education of Chile* 2010
  - Honor given to the student with perfect score in the PSU (National University Selection Test) of Mathematics of 2010.
  - Only 450 students achieved this score in 2010 (out of more than 250000).

- **Computer Skills:** MATLAB (advanced), L<sup>A</sup>T<sub>E</sub>X(advanced), Python (Intermediate), HTML (Basic).
- **Languages:** Spanish (native), English (fluent).
- Hold a Chilean driver's license (B).

## Publications

### Journal papers

- [J11] **Rodrigo A. González**, Cristian R. Rojas, Siqi Pan and James S. Welsh. “On the relation between discrete and continuous-time refined instrumental variable methods”. *IEEE Control Systems Letters*, 2023.
- [J10] Angel L. Cedeño, **Rodrigo A. González**, Boris I. Godoy, Rodrigo Carvajal and Juan C. Agüero. “On filtering and smoothing algorithms for linear state-space models having quantized output data”. In *Mathematics*, 11(6): 1327, 2023.
- [J9] Siqi Pan, James S. Welsh, **Rodrigo A. González** and Cristian R. Rojas. “Consistency Analysis and Bias Elimination of the Instrumental Variable Based State Variable Filter Method”. *Automatica*, Article 110511, 2022.
- [J8] **Rodrigo A. González**, Cristian R. Rojas, Siqi Pan and James S. Welsh. “Refined instrumental variable methods for unstable continuous-time systems in closed-loop”. *International Journal of Control*, 2022.
- [J7] **Rodrigo A. González**, Cristian R. Rojas, Siqi Pan and James S. Welsh. “Theoretical and practical aspects of the convergence of the SRIVC estimator for over-parameterized models”. *Automatica*, Article 110355, 2022.
- [J6] **Rodrigo A. González**, Cristian R. Rojas, Siqi Pan and James S. Welsh. “Consistent identification of continuous-time systems under multisine input signal excitation”. *Automatica*, Article 109859, 2021.
- [J5] Siqi Pan, James S. Welsh, **Rodrigo A. González** and Cristian R. Rojas. “Efficiency Analysis of the Simplified Refined Instrumental Variable Method for Continuous-time Systems”. *Automatica*, Article 109196, 2020.
- [J4] Siqi Pan, **Rodrigo A. González**, James S. Welsh and Cristian R. Rojas. “Consistency Analysis of the Simplified Refined Instrumental Variable Method for Continuous-time Systems”. *Automatica*, Article 108767, 2020.
- [J3] Francisco J. Vargas and **Rodrigo A. González**. “On the existence of a stabilizing solution of Modified Algebraic Riccati Equations in terms of standard Algebraic Riccati Equations and Linear Matrix Inequalities”. In *IEEE Control Systems Letters*, 4(1): 91-96, 2019.
- [J2] **Rodrigo A. González**, Francisco J. Vargas and Jie Chen. “Necessary and sufficient conditions for mean square stabilization over MIMO SNR-Constrained channels with colored and spatially correlated additive noises”. In *IEEE Transactions on Automatic Control*, 64(11): 4825-4832. 2019.
- [J1] **Rodrigo A. González**, Patricio E. Valenzuela, Cristian R. Rojas and Ricardo A. Rojas. “Optimal enforcement of causality in non-parametric transfer function estimation”. In *IEEE Control Systems Letters*, 1(2): 268-273, 2017.

### Conference papers

- [C12] Augustus Elton, **Rodrigo A. González**, James S. Welsh, Tom Oomen and Cristian R. Rojas. “Blind non-parametric estimation of SISO continuous-time systems”. In *Proceedings of the IFAC World Congress 2023 (IFAC WC 2023)*, 2023.

- [C11] **Rodrigo A. González**, Cristian R. Rojas, Siqi Pan and James S. Welsh. “Parsimonious identification of continuous-time Systems: A block-coordinate descent approach”. In *Proceedings of the IFAC World Congress 2023 (IFAC WC 2023)*, 2023.
- [C10] **Rodrigo A. González**, Koen Tiels and Tom Oomen. “Identifying Lebesgue-sampled continuous-time impulse response models: A kernel-based approach”. In *Proceedings of the IFAC World Congress 2023 (IFAC WC 2023)*, 2023.
- [C9] **Rodrigo A. González**, Angel L. Cedeño, María Coronel, Juan C. Agüero and Cristian R. Rojas. “An EM algorithm for Lebesgue-sampled state-space continuous-time system identification”. In *Proceedings of the IFAC World Congress 2023 (IFAC WC 2023)*, 2023.
- [C8] **Rodrigo A. González**, Cristian R. Rojas, Siqi Pan and James S. Welsh. “The SRIVC algorithm for continuous-time system identification with arbitrary input excitation in open and closed loop”. In *Proceedings of the 60th IEEE Conference on Decision and Control (CDC’21)*, pages 3004-3009, 2021.
- [C7] **Rodrigo A. González**, Cristian R. Rojas and Håkan Hjalmarsson. “Non-causal regularized least-squares for continuous-time system identification with band-limited input excitations”. In *Proceedings of the 60th IEEE Conference on Decision and Control (CDC’21)*, pages 114-119, 2021.
- [C6] **Rodrigo A. González** and Cristian R. Rojas. “A finite-sample deviation bound for stable autoregressive processes”. In *Proceedings of the 2nd Conference on Learning for Dynamics and Control (L4DC)*, Berkeley, USA, pages 191-200, 2020.
- [C5] **Rodrigo A. González**, James S. Welsh and Cristian R. Rojas. “Enforcing stability through ellipsoidal inner approximations in the indirect approach for continuous-time system identification”. In *Proceedings of the 21st IFAC World Congress (IFAC’2020)*, Berlin, Germany, pages 566-571, 2020.
- [C4] **Rodrigo A. González** and Cristian R. Rojas. “Finite sample deviation and variance bounds for first order autoregressive processes”. In *Proceedings of the 45th International Conference on Acoustics, Speech, and Signal Processing (ICASSP’20)*, Barcelona, Spain, pages 5380-5384, 2020.
- [C3] **Rodrigo A. González**, James S. Welsh and Cristian R. Rojas. “An asymptotically optimal indirect approach to continuous-time system identification”. In *Proceedings of the 57th IEEE Conference on Decision and Control (CDC’18)*, Miami Beach, FL, USA, pages 638-643, 2018.
- [C2] **Rodrigo A. González** and Cristian R. Rojas. “A fully Bayesian approach to kernel-based regularization for impulse response estimation”. In *Proceedings of the 18th IFAC Symposium on System Identification (SYSID’18)*, Stockholm, Sweden, pages 186-191, 2018.
- [C1] **Rodrigo A. González**, Francisco J. Vargas and Jie Chen. “Stabilization of MIMO systems over additive correlated noise channels subject to multiple SNR-constraints”. In *Proceedings of the 16th European Control Conference (ECC’18)*, Limassol, Cyprus, pages 1493-1498, 2018.

#### Submitted Journal papers

- [SJ3] **Rodrigo A. González**, Koen Tiels and Tom Oomen. “Kernel-based identification using Lebesgue-sampled data”. *Automatica* (submitted for publication), 2023.
- [SJ2] Angel L. Cedeño, **Rodrigo A. González**, Rodrigo Carvajal and Juan C. Agüero. “Identification of Wiener state-space models utilizing Gaussian sum smoothing”. *Automatica* (submitted for publication), 2023.
- [SJ1] **Rodrigo A. González**, Siqi Pan, Cristian R. Rojas and James S. Welsh. “Consistency analysis of refined instrumental variable methods for continuous-time system identification in closed-loop”. *Automatica* (submitted for publication), 2022.



## Submitted Conference papers

- [SC2] Augustus Elton, **Rodrigo A. González**, James S. Welsh, Cristian R. Rojas and Minyue Fu. “Parametric Continuous-Time Blind System Identification”. 62nd IEEE Conference on Decision and Control (CDC’23)(submitted for publication), 2023.
- [SC1] Max van Meer, **Rodrigo A. González**, Gert Witvoet and Tom Oomen. “Identification of Nonlinear Dynamics in Switched Reluctance Motors through Linear Bayesian Estimation”. 62nd IEEE Conference on Decision and Control (CDC’23)(submitted for publication), 2023.

## Theses

- [T3] **Rodrigo A. González**, *Continuous-time System Identification: Refined Instrumental Variables and Sampling Assumptions*. Ph.D. Thesis, KTH Royal Institute of Technology, May 2022. Supervisor: Prof. Cristian R. Rojas.
- [T2] **Rodrigo A. González**, *Consistency and efficiency in continuous-time system identification*. Licentiate of Engineering Thesis, KTH Royal Institute of Technology, June 2020. Supervisor: Prof. Cristian R. Rojas.
- [T1] **Rodrigo A. González**, *Enforcement of Causality and Passivity in Spectral Analysis* (in Spanish). Master’s Thesis, Universidad Técnica Federico Santa María, Valparaíso, Chile, November 2016. Supervisors: Prof. Ricardo A. Rojas, Cristian R. Rojas and Patricio E. Valenzuela.

## Books

- [B1] **Rodrigo A. González**, *Exercise Compendium of Linear Systems Analysis* (in Spanish). July 2019.

## Others

- [P8] **Rodrigo A. González**, Koen Tiels and Tom Oomen. “Non-parametric continuous-time system identification with Lebesgue-sampled output measurements”. Presentation at the 42nd Benelux Meeting on Systems and Control, March 2023, Elspeet, The Netherlands.
- [P7] **Rodrigo A. González**, Koen Tiels and Tom Oomen. “Non-parametric Identification of Lebesgue-sampled Continuous-time Systems” (in Spanish). Presentation at the first Symposium on Identification, Control and Applications at UTFSM, January 2023, Valparaíso, Chile.
- [P6] **Rodrigo A. González**, Angel L. Cedeño, María Coronel, Juan C. Agüero and Cristian R. Rojas. “Identification of Continuous-Time Systems Utilizing Lebesgue-Sampled Data”. Poster at the 2022 Workshop of the European Research Network on System Identification (ERNSI), September 2022, Leuven, Belgium.
- [P5] **Rodrigo A. González**, Cristian R. Rojas and Håkan Hjalmarsson. “Non-causal regularized least-squares for continuous-time system identification with band-limited input excitations”. Poster at the 2021 Workshop of the European Research Network on System Identification (ERNSI), September 2021, online.
- [P4] **Rodrigo A. González**, James S. Welsh and Cristian R. Rojas. *An asymptotically optimal indirect approach to continuous-time system identification*. Internal seminar at the University of Newcastle, December 2019, Newcastle, New South Wales, Australia.
- [P3] **Rodrigo A. González**, Siqi Pan, Cristian R. Rojas and James S. Welsh. *Consistency of the Simplified Refined Instrumental Variable Method for Continuous-time Systems: Analysis and Design*. Poster at the 2019 Workshop of the European Research Network on System Identification (ERNSI), September 2019, Maastricht, Netherlands.
- [P2] **Rodrigo A. González**, James S. Welsh and Cristian R. Rojas. *An asymptotically optimal indirect approach to continuous-time system identification*. Poster at the 2018 Workshop of the European Research Network on System Identification (ERNSI), September 2018, Cambridge, U.K.

[P1] **Rodrigo A. González** and Cristian R. Rojas. *An asymptotically optimal indirect approach to continuous-time system identification*. Presentation at the 2018 Swedish Control Conference (Reglermötet), June 2018, Stockholm, Sweden.

## Interests

- **Sports:** Running, Soccer, Basketball.
- **Music:** Guitar (acoustic, electric), Bass (fretted and fretless), Keyboards.
- **Other interests:** Chess, reading.