

# Emilio Recart

## Psychologist

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Buenos Aires, AR

[Personal web page](#)

### EDUCATION

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#### **Bachelor's degree in Psychology**– University of Buenos Aires

2016 – 2021

GE: 8.03

Buenos Aires, Argentina.

#### **Specialization in Data Science Applied to Psychology and Behavioral Science –**

University of Buenos Aires

2023-2025

Buenos Aires, Argentina

#### **Diplome in Cognitive Neuroscience and Experimental Psychology-** Interamerican University (UAI)

Horas: +200

GE: 9

Buenos Aires, Argentina

#### **Diplome in Biostatistics with R-** National University of Córdoba

Horas: +100

Córdoba, Argentina

### I+D PROJECTS

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***Complex Decision-Making Processes: Their Modulations and Neural Bases – Subsidy Type: PICT; National Research Development Agency (2021-2024). By: Dr Pablo Nicolas Fernandez Larrosa.***

*Participation:* Experiment planning and behavioral data analysis. Participation and organizer of Seminars. Preparation of academic writings. Presentation of works at Congresses.

***Role of emotions and gender bias in Complex Decision Making processes – Type of Subsidy; UBACYT- University of Buenos Aires (2022-2025). By: Dr Pablo Nicolas Fernandez Larrosa.***

*Participation:* Experiment planning and behavioral data analysis.

***Evaluation of the joint effect of impulsivity and cognitive biases on the effectiveness of decision-making in psychological first aid, according to the predominant style of urgent decision-making – Type of Subsidy; UBACYT- University of Buenos Aires (2020-2021). By: Dr Susana Azzollini.***

*Participation:* Data collection. Presentation of papers at congresses

***Effectiveness of Decision Making in the Psychological First Aid Intervention of Volunteers in Catastrophe Situations, According to Their Coping Strategies, Predominant Decision Style, Personality, Openness to Others and Prosocial Behavior – Type of Subsidy; UBACYT- University of Buenos Aires (2018-2020). By: Dr Susana Azzollini.***

*Participation:* Preparation of academic papers. Data analysis. Participation in congresses.

## RESEARCH INTERSHIPS

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**Research assistant at the Laboratory of Consciousness-Institute of Physiology and Molecular Biology and Neurosciences (IFIByNE-CONICET) project: Laboratory of Consciousness. Directed by Dr. Pablo Nicolás Fernández Larrosa. Since 2020. [Click here to see more details of the laboratory](#)**

*Research main* : Evaluate the social modulators (semantic priming, repetition and subliminal) influencing Complex and Simple Decision Making.

*Participation* : Experimental Design Planning. Data analysis; Sentiment Analysis and Machine Learning Analysis. Preparation of academic papers. Publication in Conferences

**Research Assistant at the Neuroscience Laboratory, University of Salvador. Project: Analysis of frequency bands and entropy levels in Associative Memory Tasks. Directed by: Dr. Mario Andreau. From 2024**

*Research main* : Evaluate the levels of uncertainty and/or randomness (permutation entropy) increase in the theta frequency band compared to other frequency bands

*Participation* : Data analysis: Evaluate entropy levels in experimental associative memory tasks. Decompose the signal into different frequency bands. Characterize the PeEn levels in each frequency band.

Research collaborator Faculty of Society and Design, Bond University, Australia. Project: Adaptation and Validation of Child Behavior Check List for Elementary School Children. Led by: Dr. Ahmed Moustafa 2022.

*Research main* : Develop an exploratory and confirmatory factor analysis on a data sample.

*Participation* : Data analysis. Preparation of results.

Student Collaborator in the Social and Cognitive Psychology Laboratory Institute of Psychology, University of Buenos Aires. Investigation project; Evaluation of Decision Making in Psychological First Aid, according to the predominant style of Urgent Decision Making. Directed by: Dr Susana Azzollini.

*Research main* : Evaluate how training in Psychological First Aid modulates the decision-making process, generating greater effectiveness in emergency contexts.

*Participation* : Data collection. Publication in congresses.

## SCIENTIFIC ARTICLES

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### **In Review**

Recart, E , Salgueiro, T, Larrosa, P. N (2024). *How Ideology And Media Could Mediate Familiarity And Trust In Political Decisions: 2019 Argentina Election's Case. Frontiers in Social Psychology Attitudes, Social Justice and Political Psychology*

### **Published:**

Bernal, F. A., Salgueiro, T. A., Brzostowski, A., Zapata, E. R., Carames, A., Pérez, J. M., ... & Larrosa, P. N. F. (2022). Top-down modulation impairs priming susceptibility in complex decision-making with social implications. *Scientific Reports*, 12(1), 1-17.

Pérez, J. M., Zapata, E. R., Salgueiro, T. A., Furman, D., & Larrosa, P. N. F. (2023). A Spanish dataset for Targeted Sentiment Analysis of political headlines. *Electronic Journal of SADIO (EJS)*, 22(1), 53-66.

Recart, E., Jaume, L. C., Passero, M. T., & Azzollini, S. (2021). Efectos de la necesidad cierre cognitivo en los estilos decisorios: un abordaje exploratorio. *PSOCIAL*, 7(2), 1-18.

Alves Salgueiro, T., Recart Zapata, E., Furman, D., Pérez, J. M., & Nicolás Fernández Larrosa, P. (2022). A Spanish dataset for Targeted Sentiment Analysis of political headlines. *arXiv e-prints*, arXiv2208.ReDiU: Revista Digital Universitaria. ISSN: 1667-4839.

## WORK EXPERIENCE

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### *Assistant Lecture:*

- *University of Buenos Aires- Faculty of Psychology*
  - *Assistant Lecture (AT1). Simple dedication. Research and Methodology (Since 2021)*
  - *Auxiliar Assistant Lecture. Simple Dedication. General Psychology (2018-2021)*
- *University of Maimónides- Faculty of Social Sciences.*
  - *Assistant Lecture (AT1). Simple Dedication. General Psychology I*
  - *Assistant Lecture (AT1). Simple Dedication. General Psychology II*

### *Data Scientist (Since 2023)- Clotech*

Elaboration and development of an AI that can predict clothing categories. Development of a recommendation system that can generate recommendations for different types of outfits according to the weather and the type of garment.

### *Ghost Writer- Forrest Performance Group (FPG; 2023-2024)- United States*

Development of educational content on socio-psychological factors that modulate decision making in the context of real estate investment crisis. Material was developed with the purpose of generating paid courses.

## POSTERS

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*Alves Salgueiro, T, Caramés, MA, Recart, E and Fernández Larrosa, PN. Complex Decision-Making Could be Induced by Priming but prevented by Top-Down Modulation (2023). **International Brain Research Organization (IBRO), World Congress. Granada, Spain***

*Recart, E, Alves Salgueiro, T, Bernal, F, Perez, Juan Manuel, Furman, Damian and Fernández Larrosa, Pablo Nicolas (2022). **Sentiment analysis in News Medias Headlines in 2019 Presidential Elections. 9th MindBrainBody Symposium 2022, Max Plank Institute, Germany***

*Alves Salgueiro, T, Bernal, F, Brzostowski, A, Carames, A, Recart, E, Furman, D, Perez, JM, Fernandez Larrosa, PN (2022). Complex Decision-Making Could be Facilitated By Social Modulation through Repetition and Emotional Priming. **9th MindBrainBody Symposium 2022, Max Plank Institute, Germany <Second Best Poster>***

*Recart, E, Alves Salgueiro, T, Bernal, F, Perez, Juan Manuel, Furman, Damian and Fernández Larrosa, Pablo Nicolas (2020). Sentiment analysis in media headlines 2019 presidential election: exploratory analysis of the reliability study. **Sociedad Argentina de Neurociencias, Buenos Aires, 2020.***

*Marrujo, J, Quian, R & Recart, E (2019). Axiological connotations of boredom and its relationship with mental health. **World Congress of Mental Health , Buenos Aires, 2019.***

## AWARDS

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- Second best poster on Complex decision making could be facilitated by social modulation through repetition and emotional priming. 9th MindBrain Body 2022 Symposium. Max Planck Institute, 2022
- **Second place in NTX Global Hacktathon 2023 Buenos Aires-** Project on Development of facial and eye control over the mouse cursor ([link del repositorio](#))

## CONGRESS PUBLICATIONS

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- Salgueiro, T. A., Caramés, M. A., Recart, E., & Larrosa, P. N. F. (2023). COMPLEX DECISION-MAKING COULD BE INDUCED BY PRIMING BUT PREVENTED BY TOP-DOWN MODULATION. *IBRO Neuroscience Reports*, 15, S824-S825.
- Bernal, F, Alves Salguiero, T, Brzostowski, A, Caramés, MA, Recart, E, Furman, D, Pérez, JM, Fernández Larrosa, PN. Complex decision making is facilitated by social modulation. Argentine Society of Neurosciences, Buenos Aires, 2020.
- Recart, E., Broggi, D., Furman, D., Perez, J. M., & Larrosa, P. N. F. (2024). Role of the media in the 2023 electoral agenda. *SCT Proceedings in Interdisciplinary Insights and Innovations*, 2, 300-300.
- Carames, A., Nogueroles, P., Recart, E., Cruzado, M., Valderrama, C. L. M., Salgueiro, T. A., ... & Larrosa, P. N. F. (2024). Gender at the causal basis of the new libertarian right. *SCT Proceedings in Interdisciplinary Insights and Innovations*, 2, 258-258.
- Recart, E, Passero, M and Jaume, L. Effects of the Need for Cognitive Closure on DecisionMaking Style: an exploratory approach. XIII International Congress of Research and Professional Practice in Psychology. XXVII Research Conference. XVII Meeting of Researchers in Psychology of MERCOSUR. III Conference on Occupational Therapy Research. III Meeting on Music Therapy.
- Casas, A, Recart, E & País, A. Understanding consciousness: global workspace theory and information integration. XIII International Congress of Research and Professional Practice in Psychology. XXVII Research Conference. XVII Meeting of Researchers in Psychology of MERCOSUR. III Conference on Occupational Therapy Research. III Meeting on Music Therapy.
- Sainz, A, Chianetta, M, Correa, M, Casas, A, Recart, E, País, A, Bruno, N & Andreau, M. Can aesthetic judgments be subliminally modulated? An affective priming thought pupillometry study. XII International Congress of Research and Professional Practice in Psychology. XXVI Research Conference. XVI Meeting of Researchers in Psychology of MERCOSUR. Meeting of Research in Occupational Therapy. II Meeting of Music Therapy.
- Passero, M, Recart, E & Jaume, J. Questioning Dimensionality in the Need for Cognitive Closure. 2nd CLACIP Social Congress and 4th Latin American Congress for the Advancement of Psychological Sciences (Autonomous City of Buenos Aires, Monday, December 28, 2020).
- Recart, E, Passero, M, Jaume, J. Motivational aspects of the Lay Epistemic Theory as a preponderant factor in the acquisition of knowledge. 2 Jornada Social CLACIP and 4th Latin American Congress for

*the Advancement of Psychological Sciences (Autonomous City of Buenos Aires, Monday, December 28, 2020).*

- Santillan, L, Rosario, M, Recart, E, Ferreyra, M, Herrera, M, Suarez, S, Nisio & Gonzalez, R (2019). *The psychology of happiness in light of a series of imaginary experiments. . XI International Congress of Research and Professional Practice in Psychology. XXVI Research Conference. XV Meeting of Researchers in Psychology of MERCOSUR. I Meeting of Research in Occupational Therapy. I Meeting on Music Therapy.*
- Azzollini, A, Depaula, P, Pupko, V, Vidal, A & Recart, E (2019). *Correlational analysis of the effectiveness in the application of psychological first aid and urgent decision-making styles in rescuers. XI International Congress of Research and Professional Practice in Psychology. XXVI Research Congress. XV Meeting of Researchers in Psychology of MERCOSUR. Meeting of Research in Occupational Therapy. I Meeting on Music Therapy.*
- Recart, E (2018). *Exploring the notions of anxiety, stress, distress, euphoria and depression in everyday language: and their relation to the psychological and the neuroscientific. As Exhibitor. X International Congress of Research and Professional Practice in Psychology XXV Research Conference XIV Meeting of Researchers in Psychology of Mercosur "New technologies: Subjectivity, social ties. Problems, theories and approaches.*
- Recart, E and González, F (2018). *The Brain-to-Brain Problem and some strategies to advance in its resolution. As exhibitor. X International Congress of Research and Practice in Psychology XXV Research Congress XIV Meeting of Researchers in Psychology of MERCOSUR "New technologies: subjectivity, social ties. Problems, theories and approaches.*

## POSGRADUATE COURSES

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- Deep learning, Neuromatch Academy. Modality: online. Final research Project: Sex Bias Estimation in rs-fMRI Autism Spectrum Disorder Classification: A Deep Learning Approach Using ABIDE Dataset. [Repository Link](#) +100 hours. 2023 Certificate of Attendance and approval
- Computational Neuroscience. Neuromatch Academy. Modality: Online. Final Research Project *Exploring the role of VIP interneurons in (novel) image detection.* [Repository Link](#) +100 hours. 2022. Certificate of Attendance and approval
- Computational Neuroscience. BrainHack- Humai, Argentina. Modality : Online. Final Research project: Classification Model with fMRI signals to predict Autism condition. [Repository Link](#).. 30 hours. 2023. Certificate of Attendance and approval
- Structural Equation Models for Research in Psychology. Applications in R. . Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2024
- Introduction to multilevel models for Research in Psychology. Applications in R. . Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2024

- Advanced Analysis of Psychometric Properties. Applications in R. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2024
- Workshop on Handling Missing Data in R. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2024
- Sample size and power calculation workshop in R. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2024
- Non-parametric Statistical Techniques for Research in Psychology. Applications in R. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2023
- Factor Analysis Techniques and Other Psychometric Measures. Applications in R. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2023
- Data Visualization Workshop in R with GGPLOT2. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2023
- Quantitative Research Methodology in Psychology. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2023
- Introduction to R Software in the RStudio Environment. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2023
- Basic Statistics for Research in Psychology. Applications in R. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2023
- Statistical Regression Models for Research in Psychology. Applications in R. Modality: Virtual. Faculty of Psychology, University of Buenos Aires. Belonging to the Postgraduate Specialization in Data Science applied to Psychology and Behavioral Sciences. 2023
- Introduction to Research in Experimental Psychology and Neurosciences. Modality: Virtual. Neurotransmitting. Certificate of Attendance and Approval. 2021
- Optical Imaging and Electrophysiological Recording in Neuroscience. Modality: Virtual. Universite Paris Cite. Attendance certificate. 2021
- Introduction to Neuroeconomics: How the Brain Makes Decisions. Modality: Virtual- Coursera. Russian Academy of Science (RAS). Certificate of Attendance and Approval. 2021
- Quantitative Methods. Modality: Virtual- Coursera. University of Amsterdam. Certificate of Attendance and Approval. 2021



- Philosophy and the Sciences: Introduction to the Philosophy of Cognitive Sciences. Modalidad: Virtual- Coursera. University of Edinburgh. Certificado de Asistencia y Aprobación. 2021
- Text Mining and Sentiment Analysis with Tableau and R. Modalidad: Virtual-UDEMY. Certificado de Aprobación. Repositorio: blab la bla. 2020
- Behavioral Economics. Institute of Calculus (IC)- Faculty of Exact and Natural Sciences-CONICET. Attendance certificate. 2020.
- Decision Making with R Language. Institute of Calculus (IC)- Faculty of Exact and Natural Sciences-CONICET. Attendance certificate. 2020.
- Cognitive Behavioral Therapy and Psychopharmacology., Faculty of Psychology-University of Buenos Aires. How and when to apply combined treatment for various clinical problems. Face-to-face modality. Attendance certificate. 2018
- Neurobiology of Leadership and 21st Century Competencies. A possible integration between Neurosciences and the Gestalt Approach, Faculty of Psychology-University of Buenos Aires. Attendance certificate. 2018

## CONFERENCES, SEMINARS Y WORKSHOPS

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- *V Conference on Fundamentals and Applications of Interdisciplinary (JFAI). IFIByNE-CONICET. 2024*
- *9th MindBrainBody Symposium 2022, Brain Awareness Week, **Max Planck Institute for Human Cognitive and Brain Science, 2022.***
- *XXXVI Annual Meeting, **Society of Argentina Neuroscience.** Ciudad de Buenos Aires, 2021.*
- *The 2nd Annual Meeting of the NeuroPhilosophy of Free Will Consortium. **Feltzer Institute, 2021***
- *Summer School on Consciousness and MetaCognition Conference. **PSL University and University College of London, 2021***
- *4TH Edition of the Montreal AI and Neuroscience Conference. UNIQUE Centre and the Centre de Recherches Mathématiques (CRM). **University of Montreal, 2020***
- *II Conference on Fundamentals and Applications of Interdisciplinarity (JFAI). National Council for Scientific and Technical Research, 2020.*
- *XII International Congress of Research and Professional Practice in Psychology. XXVIII ❖ Research Congress. XVI Meeting of MERCOSUR Psychology Researchers. I*
- *Occupational Therapy Research Meeting and II Therapy Music Meeting, 2020CLACIP Social Conference and IV Latin American Congress for the Advancement of Psychological Science (Autonomous City of Buenos Aires, Monday, December 2 to 8, 2020)*
- *World Mental Health Congress in Buenos Aires. **ASSM** , 2019*

- *XI International Congress of Research and Professional Practice in Psychology. XXVI Research Conference. XV Meeting of researchers in Psychology of MERCOSUR. I Occupational Therapy Research Meeting. Meeting of Music Therapy, 2019*
- *Conference: Science and Art. Brain and Language. **National Council of Scientific And Technical Research, 2019***
- *First Conference on Scientific Psychology. Organized by Cátedra Gonzalez- Faculty of Psychology, University of Buenos Aires. 2019*
- *First International ALAPCO Symposium. XXVIII. Argentine Conference on Cognitive Therapy. Faculty of Psychology, University of Buenos Aires. 2019*
- *V Conference on Innovations of Cognitive-Behavioral Models, Acceptance, MetaCognition and Mindfulness. **University of Buenos Aires, 2018***
- *X International Congress of Research and Professional Practice in Psychology XXV Research Conference XIV Meeting of Researchers in Psychology of Mercosur "New technologies: Subjectivity, social ties. Problems, theories and approaches, 2018*

## MEMBERSHIP

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- ❖ *Member of The cognitive Science as Student 2020-2021*
- ❖ *Member of the United Nations Association of Argentina (ANU-AR) 2018-2020*

## GESTIÓN EDITORIAL

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*Argentine Journal of Behavioral Sciences (RACC; ISSN 1852-4206). Role: Layout of Academic Articles. From 2022*

## EXTENSION ACTIVITIES

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- *Organization of Cognitive Seminars (2021)- IFIByNE-CONICET. Public dissemination space aimed at all interested audiences. The tasks assigned consisted of contact and programming of Seminars with National and International Researchers*
- *Psychological Assistance in popular public spaces (2023) - Faculty of Psychology, University of Buenos Aires. Personalized assistance in public and popular spaces.*
- *Talk What do Neurosciences matter to me? - Common Basic Cycle - University of Buenos Aires (2023)*
- *Educational council. Exhaustive analysis and preparation of the student's profile in relation to their university performance. Subsequent evaluation of academic performance for the awarding of a financial aid scholarship. University of Buenos Aires- Faculty of Psychology.*

## LANGUAGE

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- ❖ **Spanish (Native)**
- ❖ **English (B2)**

## THESIS DIRECTOR

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*Bachelor's Thesis Tutor in Psychology. Title:: Exploration of the relationship between sleep quality, emotional intelligence and perception of meaning in life in young and intermediate adults in the Buenos Aires Metropolitan Area. Student: Carlos Luddwing Muñoz Valderrama. Faculty of Psychology, University of Buenos Aires. 2024.*

## THESIS JURY

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*As a Thesis Evaluator of the Bachelor's Degree in Psychology. Project title: Stress in children within sports. Faculty of Social Sciences, Maimónides University- Bachelor's Degree in Psychology. 2023.*

## PROGRAMMING SKILLS AND DATA ANALYST TOOLS

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- ❖ Python (Intermediate-Advanced): **Applied to Data Analyst**
- ❖ R (Intermedie)
- ❖ Git and GitHub (Intermedie)
- ❖ Matlab (Intermedio)
- ❖ Linux Kernel (Intermedie)
  - ❖ SPSS y JASP

## REFERENCES

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*Pablo Nicolas Fernández Larrosa (Inv Assistant- CONICET, ARGENTINA)*

*Director of the Consciousness Laboratory- IFIByNE-CONICET, Argentina.*

*fernandezlarrosanicolas@gmail.com*

*Web Page: [https://www.conicet.gov.ar/new\\_scp/detalle.php?id=26979&datos\\_academicos=ye](https://www.conicet.gov.ar/new_scp/detalle.php?id=26979&datos_academicos=ye)*

*Hugo Simkim (Inv Assistant- CONICET, Argentina).*

*Director of the Psychology Career at Maimonides University.*

*simkin.hugo@maimonides.edu*

*Web Page: [https://www.conicet.gov.ar/new\\_scp/detalle.php?id=50919&datos\\_academicos=yes](https://www.conicet.gov.ar/new_scp/detalle.php?id=50919&datos_academicos=yes)*

*Diego Mateos (Inv Assistant- CONICET, ARGENTINA).*

*Department of Physics- Faculty of Science and Technology, Universidad Autónoma de Entre Ríos.*

*mateosdiego@gmail.com*

*Web Page: [https://www.conicet.gov.ar/new\\_scp/detalle.php?id=45960&datos\\_academicos=yes](https://www.conicet.gov.ar/new_scp/detalle.php?id=45960&datos_academicos=yes)*