

Damián Strier



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PROFILE

Dr. Damián Strier combines solid background with hands-on expertise in advanced reservoir modeling and simulations methods, well operations (hydraulic fracturing & acidizing), reserves studies, economic evaluations and field management. He is recognized by his integrated approach to the Oil & Gas business, leading to efficient resource management and development risk reduction. Dr. Strier has led interdisciplinary teams working in Roch SA (Argentina), succeeding at obtaining large production increases on a great diversity of projects in the Austral, Neuquén and Cuyana Basins, even in adverse (and long lasting) gas-price scenarios, with high costs and relatively low budgets. More recently, he has led the evaluation of large-scale gas projects in Mexico for private Mexican & USA investors, as managing director of a local consulting firm (Bakim Oil & Gas). He was previously project manager of a R&D project between Roch SA, Citedef and the Balseiro Institute (development of a microwave heating device for heavy-oils – one patent-). In the last years, he has established collaborations with experts focusing on sustainable development in Argentina, México and Germany. Dr. Strier has a PhD in Physics and holds a Post-Graduate degree in Economics. He has authored more than 20 research papers in physics in international journals (see a partial list on Research Gate), and has been invited speaker in several international conferences and universities.

EDUCATION

- **Post-Graduate, Economics, Universidad Torcuato di Tella**, Buenos Aires, 2001 – 2003
- **PhD, Physics, Universidad de Buenos Aires**, Buenos Aires, 1997 – 2003
Thesis: Self-Organization in Biological Systems. Grade: Maximum.
- **MSc, Physics, Instituto Balseiro, Universidad de Cuyo**, Bariloche, 1992 – 1996
Thesis: Reaction-Diffusion Systems with Density Dependent Diffusion Coefficients. Grade: 9/10.

EXPERIENCE

- **Managing Director, Bakim Oil & Gas**, Jan/14 – Present
Oil & Gas Consulting Company focusing on the Mexican energy market
- **Senior Reservoir Engineer, ROCH SA**, Buenos Aires, Feb/06 – Dec/13

Main Areas: Reservoir Modeling & Simulation, PTA, Hydraulic Fracturing, Reserves & Economic Evaluations, Optimization of Operations

- **Post-Doctoral Fellow, ESA - Université Libre de Bruxelles**, Bruxelles, Feb/04 – Feb/06
Projects: Chemical Pattern Formation, Hydrodynamical Instabilities, Numerical Modeling
- **Post-Doctoral Fellow, CNRS - Centre de Recherche Paul Pascal**, Bordeaux, Feb/03 – Feb/04
Projects: Spatial Bistability, Instabilities & Pattern Formation in Reaction Diffusion Systems
- **Assistant Professor, Universidad de Buenos Aires**, Buenos Aires, Aug/98 – Feb/03
Subjects: Mechanics, Optics, Thermodynamics, Biophysics
- **R&D Project Manager, ROCH SA**, Buenos Aires, Dec/01 – Dec/02
Project: Development of an oil heating device using microwave radiation
- **Assistant Professor, Universidad Torcuato Di Tella**, March/01 – June/02
Subjects: Calculus, Probability Theory, Statistical Inference
- **Reservoir Engineer (Junior), ROCH SA**, Buenos Aires, Feb/96 – Jul/97
*Projects: Development of a neural network tool for automatic interpretation of well logs.
Development of geostatistical software tools*
- **Laboratory Assistant (Ad-honorem), National Commission of Atomic Energy (CNEA), Nuclear Fusion Lab**, Feb/90-Jul/91
Project: Cold fusion experiments.

AWARDS

- **Marie Curie Incoming International Fellowship, FP6 Program, European Commission**
Sep/2005, CRPP-CNRS, France;
- **ULB-PRODEX Postdoctoral Fellowship**, Dec/2003, Centre for Nonlinear Phenomena and Complex Systems, Belgium;
- **Ministère de l'Éducation Nationale de France, Postdoctoral Fellowship**, Nov/2002, CRPP-CNRS, France;
- **FOMEC - UBA, Visiting Researcher**, Jul/1997, Fritz Haber Institute der Max Planck Gessellschaft, Berlin, Germany
- **FOMEC - UBA, PhD Physics Scholarship**, Sep/1996, Buenos Aires, Argentina;
- **CNEA MSc. Physics Scholarship**, May/1992, Instituto Balseiro, Bariloche, Argentina

LANGUAGES

Spanish (native), **French** (high level), **English** (high level)

OTHER SKILLS

Computer Languages: C, Fortran

Others: Linux & Windows Operative Systems, Mathematica, Matlab

INTERESTS

I am interested in the transition to a cleaner and sustainable economy. As with many improvements of the human condition, necessity is a strong driving force and often a reason *per se* to change. I enjoy reading and travelling as much as possible.

PERSONAL INFORMATION

Place of birth: Avellaneda, Buenos Aires, Argentina

Date of birth: March 14th, 1971

Nationality: Argentine

Marital Status: Married, 3 children