

J.J. Luetić* was born in Rosario, Argentina, January 11, 1964. On his mother's side, he is descended from Irish, Scottish and Italian immigrants, who came to his country in the early 20th century. Among his mother's ancestors were Pietro Cabrini, cousin of Mother Francesca Cabrini, well-known for her charitable work in behalf of the people who went from Italy to the USA. On his father's side, he

is the first-born grandson of Ivan Ćiril Luetić, who arrived in Buenos Aires about 1904.

J.J. Luetić was born and bred a Catholic. He entered the Liceo Militar General Belgrano (Santa Fe) in 1977 and was graduated in 1981, receiving the title of Bachiller Nacional and the rank of Lieutenant of the Reserve of the Argentinian Army; he has done his college studies in Chemical Engineering at the UTN (Universidad Tecnológica Nacional); and his postgraduate studies at the UNL (Universidad Nacional del Litoral), where he received the degree of doctor of philosophy for his defense of the thesis *Five Contributions to Reactive Distillation Thermodynamics*.



Piano recital at Club del Arte "Josefina Prelli", 15th November 1987.

He is very musically inclined and, since he was a child, he has studied the piano. Many manuscripts from his teen age –most of them brief novels– are still conserved. During his college years, he has also: studied Mathematics and Anthropology at the UNR (Universidad Nacional de Rosario); studied Harmony and Musical Composition; studied the interpretation of piano compositions of the neo-romantic period; studied classical Greek and Latin; studied the history of the indoeuropean institutions and general questions about indoeuropean languages; participated in meetings to discuss anthropological topics; wrote a lot of papers about the history of religions and ethics –not published yet–; gave piano recitals; and wrote many literary and musical works (for piano solo and string ensembles).

His interest in Thermodynamics was excited by his college professor of Physics, who included the textbook by Dr. Teófilo Isnardi (his teacher) in the list of recommended books. This book made a strong impression on his mind because of its fluid style and germanic rigorousness, and let him to search for other books by this great Argentinian professor. When he found Isnardi's *Thermodynamics* (posthumous collection of notes), he established a permanent relation with this subject.

Then, at the college, he formally studied Thermodynamics with Professor Juan Carlos Detarzio. Dr. Luetić has declared: «This mechanical engineer organized the subject in the classic way, that is to say, introducing the entropy concept and the Second Law from the analysis of the steam machines. In his classes, he approached this slippery topic in every imaginable manner with a clarity and inspiration which will hardly be equalled.»

At the postgraduate level he attended to Thermodynamics, Thermodynamics of the Separation of Non-Ideal Liquid Mixtures and Statistical Thermodynamics. Furthermore, he explored several techniques to calculate the thermodynamic properties of ideal gases at the Department of Chemical Engineering of the University of South Carolina.

Last two years, he has studied topics of the Thermodynamics of Non-Equilibrium States and the Thermodynamics of Irreversible Processes.

Now, subject to the influence of Professor Ricardo Grau and Professor Mario Chiovetta, he is studying topics of Continuum Thermodynamics.

Excerpts from the biography written by E. Judith Murray
for the introduction to the doctoral thesis
Five Contributions to Reactive Distillation Thermodynamics

More information about J.J. Luetić can be obtained from his *Curriculum Vitæ*:
<http://www.luventicus.org/personalpages/jjluetichev.pdf>

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