

ION PARASCHIVOIU

B.Sc., M.Eng., Ph.D. (Bucharest) – Aeronautics



Full Professor at Polytechnique Montréal <https://polymtl.ca>



Founder and President of IOPARA Inc. <https://www.iopara.ca>



Principal Achievements

- Listed in the world's top **2% scientists** in various disciplines by **Stanford University** [November 2020]

The database:

<https://drive.google.com/file/d/1bUJrvurVVBbxSI9eFZRSHFif7tt30-5U/view>

The study:

<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918>

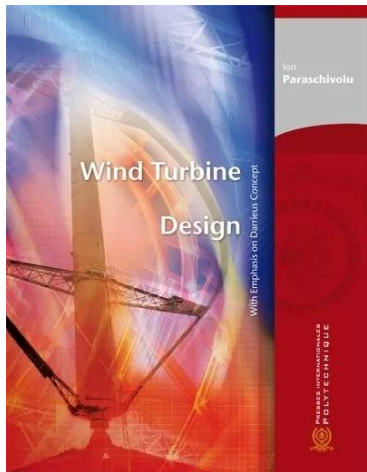
- Bombardier Aeronautical Chair Holder [1990 – 2005]
- Chairman of "The first Bombardier International Workshop" [Montreal, Quebec, Canada, September 20-21, 1993]
- AIAA (American Institute of Aeronautics and Astronautics) Associate Fellow.
- Honoric Member of Academy of Scientists of Romania.
- American Romanian Academy of Arts and Sciences (ARA) President between 1998 - 2013
- Emeritus President of ARA (American Romanian Academy of Arts and Sciences)
- Chairman of "The first International Symposium on Wind and Tidal Power (ISWTP 2017)" [Montreal, Quebec, Canada, May 28- 30, 2017]
- Doctor Honoris Causa of 6 Universities

- Contributions to the study of a new form of aircraft wing with variable geometry (Butterfly Wing), patented in collaboration with Professor Elie Carafoli
https://www.youtube.com/watch?v=cITBJrgwU_k&t=413s
- Academic Editor at the International Journal for Rotating Machinery
- Supervisor of Ph.D. Thesis (11)
- Supervisor of Masters (MAsc) Thesis (18)
- Principal research investigator and leader of more than 35 projects in 20 countries for IOPARA Inc. Consulting Company

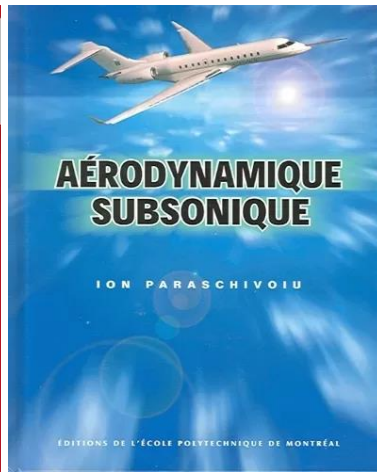
Awards

- 2000 - University - Industry Collaboration Award for Outstanding Achievement, presented by Bombardier Aerospace, Ottawa
- 1999 - Book award from the Prime Minister of Government of Quebec, Canada
- 1987 – 88 - Prix d'Excellence, Polytechnique Montreal, Quebec, Canada

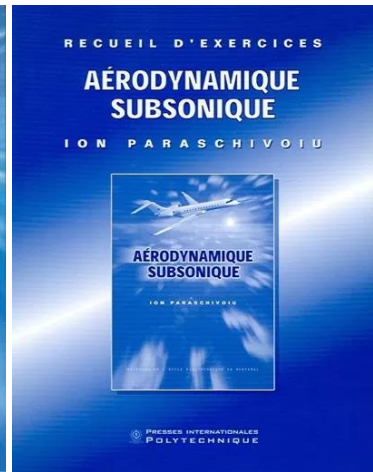
Books by Ion Paraschivoiu



[Wind turbine design](#)



[Aérodynamique subsonique](#)



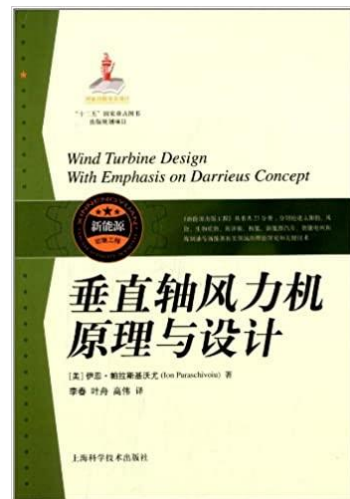
[Subsonic aerodynamics](#)



[Mécanique des fluides](#)



[Wind turbine desing \[Japanese\]](#)



[Wind turbine desing \[Chinese\]](#)