



## **Dr. Jaroslaw Sobieszczanski-Sobieski**

NASA Langley Research Center, Hampton, Virginia, USA

### **Selected Publications:**

-----BOOK

Jaroslaw Sobieszczanski-Sobieski, Alan Morris and Michel van Tooren, *Multidisciplinary Design Optimization Supported by Knowledge Based Engineering*, Wiley, August 2015, 384 pages

Kroo I, Altus S, Braun R, Gage P, Sobieski J. "Multidisciplinary optimization methods for aircraft preliminary design". AIAA Paper 94-4325-CP, 1994

Sobieszczanski-Sobieski J. "Multidisciplinary design optimization: an emerging new engineering discipline". *Advances in structural mechanics*, Herkovitch J, Kluwer, Dordrecht, 1995, pp. 488-496

J. Sobieszczanski-Sobieski and R. T. Haftka, "Multidisciplinary aerospace design optimization: survey of recent developments", *Structural and Multidisciplinary Optimization*, Vol. 14, No. 1, 1997, pp. 1-23

Sobieszczanski-Sobieski, J., S. Kodiyalam, and R. J. Yang (2001). Optimization of car body under constraints of noise, vibration, and harshness (NVH), and Crash. *Structural and Multidisciplinary Optimization* 22(4), 295-306

Venter, G., and Sobieszczanski-Sobieski, J., "Particle Swarm Optimization," *AIAA Journal*, Vol. 41, No. 8, 2003, pp. 1583–1589