

### KEY PROFILE FACTS

- **13 years of experience** in mechanical design, analysis and testing. Committed to modern management practices and Quality Assurance (QA) methods (ISO 9001:2000)
- **Award of Excellence** by the Australian Institute of Engineers and the Australian National University.
- **Negotiating and problem solving skills** in a multi-disciplinary engineering environment.



Dr Stevanovic has worked in a number of various scientific and engineering environments. His profile includes the positions of a **Senior Mechanical Analyst** and a **Senior Engineer**, involved in various R&D projects with responsibility for new product development and analysis.

Dr Stevanovic has been actively involved in composing end-user manuals and other ILS documentation, including ISO9001:2000 QA methods.

As a **Senior Mechanical Analyst**, Dr Stevanovic has been involved as a team leader for major multi-million dollar telescope projects. His projects involved design, management of manufacturing and assembly processes, numerical analysis reports, critical design review reports and project management documentation, failure mode and effect analyses (FMEA).

His expertise spans across various materials, including composite materials. He has provided ELACO with advice on characterization of their novel fibre metal laminates (FML) with improved impact resistance. He also conducted mechanical testing of various laminate configurations; was involved in product development and customer liaison, both domestically and internationally.

As a **Lead Mechanical Engineer / Design Engineer** at The Australian National University, Mt. Stromlo Observatory, Canberra, Australia (2001- 2006), Dr Stevanovic worked on innovative design solutions for several in-house and external instrumentation projects. He also specialized in designing high precision mechanisms for cryogenic/vacuum environment.

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Dr Stevanovic's **PhD Project**, titled **Fracture Mechanics of Interlayer Toughened Polymer Composites**, was completed at The Australian National University; Department of Engineering, Canberra, Australia (1998 – 2001).

**Mechanical Design Engineer/Analyst:** Institute of Security, Mechanical Engineering and Design Section., Belgrade, Yugoslavia (1996-1998).

### EDUCATION

- **Ph.D. Damage mechanics of composite materials:** The Australian National University, Faculty of Engineering and Information Technology, Australia (1998-2001)
- **B.Eng. (Hons) Aerospace Engineering:** The University of Belgrade, Faculty of Mechanical Engineering, Belgrade, Yugoslavia. (1990-1995)

#### AWARDS

- **Engineering Excellence Award** – The Institution of Engineers Australia, Near-infrared Integral Field Spectrograph (NIFS) design team (2003)
- **General Staff Excellence Award** – The Australian National University, Near-infrared Integral Field Spectrograph (NIFS) design team (2003)
- **Overseas Postgraduate Research Scholarship (OPRS)**, sponsored by the Commonwealth Government of Australia (1998 – 2001)
- **ANU PhD Scholarship**, sponsored by The Australian National University (1998 – 2001)