

## **Necip Suat CANARSLAN, PhD**

Cyprus Aydin University,  
Turkish Rep. of Northern Cyprus  
Faculty of Engineering

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## **PERSONAL INFORMATION**

**Date of Birth:** 05 / February / 1963

**Marital Status:** Married with a child. Married to Nüket; father of Sevgi.

## **EDUCATIONAL BACKGROUND**

**High School:** **Tech. High School, Eskişehir – Rep. of Türkiye**  
(Dept. of Electronics) (Sept., 1976 – June, 1980)

**BSc:** **Middle East Tech. Univ., Ankara – Rep. of Türkiye**  
(Dept. of Metallurgical Eng.) (Sept., 1980 – June, 1985)

**MSc:** **Anadolu University, Eskişehir – Rep. of Türkiye**  
(Dept. of Industrial Eng.) (Sept., 1986 – Sept., 1988)

**PhD:** **University of Cincinnati, OH – USA**  
(Dept. of Materials Sci. & Eng.) (Sept., 1989 – March, 1994)

**Course and  
Seminars:**

American Language Academy,  
(**Beaver College, PA – USA**) (1989, 6 months)

Pedagogy and Education,  
(**Anadolu Univ., Fac. of Edu.**) (2001, 4 months)

## WORK EXPERIENCE

\* **Cyprus Aydin University,  
Faculty of Engineering,**

(Sept., 2024 –

**Position: Assistant Professor**

**Job Description:**

Responsible for preparing course materials and teaching courses to undergraduate and graduate students: *Manufacturing Technologies; Materials Science and Eng.; Thermodynamics; Statics; Dynamics; Mechanics of Materials*

\* **University of Kyrenia,**

**Faculty of Aviation and Space Sciences,** (Sept., 2016 – Feb., 2024)

**Position: Assistant Professor**

**Job Description:**

Responsible for preparing course materials and teaching courses to undergraduate and graduate students: *Manufacturing Technologies; Materials Science and Eng.; Thermodynamics; Statics; Dynamics; Mechanics of Materials*

\* **Girne American Univ., Faculty of Eng.,**

(Sept., 2013 – Aug. 2016)

**Position: Assistant Professor**

**Job Description:**

Responsible for preparing course materials and teaching courses to undergraduate and graduate students: *Manufacturing Tech.; Materials Sci. and Eng. App.; Linear Algebra; Probability Theory; Statics and Strength of Materials; General Physics*

\* **Small and Medium Enterprises (Manufacturing Sector),**

**Rep. of Türkiye**

(Feb., 2010 – Aug., 2013)

**Position: Consultant & Project Manager**

**Job Description:**

*Management; Finance; Business Development; Technology; R&D; Forging; Surface Treatments; Project Management (KOSGEB, TÜBİTAK, TTGV, etc.)*

\* **DMS Casting and Machinery Inc., Denizli** (July, 2009 – Feb., 2010)

**Position: General Manager**

**Job Description:**

Responsible for leading and coordinating the strategic planning functions of the company, Oversee most of the firm's marketing and sales functions as well as the day-to-day operations of the business: *Machining; Rolls for Rolling Mills (flat and long products); Centrifugal Casting; Heat and Surface Treatments; Process Management and Strategic Planning; Operations and Project Management*

\* **VESTEL Service Providers, Eskişehir** (Dec., 2008 – June, 2009)

**Position: Operations Manager**

**Job Description:**

Manage and control the expectations and repair activities of customers. Establish priorities among assigned programs: *Quality Control; Planning; Technical Expertise*

\* **ARAL Aerospace Inc., Ankara** (Sept., 2008 – Nov., 2008)

**Position: Technical Manager**

**Job Description:**

Provide technical direction on business decisions and in the execution of specific projects: *Coating and Plating Technologies; Surface Treatments; Nondestructive (NDT) Testing; Quality Control (ISO 9001, ISO 14001, ISO 16949, NADCAP)*

\* **VESTEL Service Providers, Eskişehir** (Oct., 2006 – Sept., 2008)

**Position: Operations Manager**

**Job Description:**

Manage and control the expectations and repair activities of customers. Establish priorities among assigned programs: *Quality Control; Planning; Technical Expertise*

\* **Anadolu Univ., School of Civil Aviation, (Faculty of Aeronautics and Astronautics)** (March, 1994 – Sept., 2006)

**Position: Assistant Professor**

**Job Description, Research Interests and Topics:**

*Thermodynamics; Manufacturing Processes; Aviation Materials; Airframes, Engines and Systems; Maintenance and Repair Management; Casting and Solidification Technologies; Composite Materials Processing; Coating Technologies; Mechanical Behaviour of Materials; Ceramic Processing and Technology; Electrical Ceramics*

\* **Turkish General Staff, Rep. of Türkiye** (August., 1996 – Nov., 1997)

**Position: Second Lieutenant**

\* **Univ. of Cincinnati, OH – USA** (Sept., 1989 – March, 1994)

**Position: Research Assistant**

**Job Description, Research Interests and Topics:**

*Manufacturing Processes; Ceramic Processing and Technology; Composite Materials Processing; Combustion Synthesis; Coating Technologies; Porous Materials*

\* **Anadolu Univ., Metall., Research Inst.,** (Jan., 1988 – June, 1989)

**Position: Research Assistant**

**Job Description, Research Interests and Topics:**

*Casting and Solidification Technologies; Mechanical Behaviour of Materials*

\* **Anadolu Univ., Dept. of Industrial Eng.,** (Jan., 1986 – Jan., 1988)

**Position: Research Assistant**

**Job Description, Research Interests and Topics:**

*Manufacturing Processes; Operations Research; Production Planning and Control; Feasibility Studies; Total Quality Management; Engineering Economics*

## PUBLICATIONS

US Patents, Science Citation Indexed Journal Articles, Proceedings of National and International Congresses (over 20 publications)

|             |                         |  |
|-------------|-------------------------|--|
| <b>2021</b> | <b>Journal Article</b>  | O.S. Canarslan, L. Koroglu; E. Ayas; N.S. Canarslan; A. Kara; P. Veronesi "Susceptor-Assisted Fast Microwave Sintering of TiN Reinforced SiAlON Composites in a Single Mode Cavity", Ceramics International, 47 (1), 828-835       |
| <b>2019</b> | <b>Journal Article</b>  | N.S. Canarslan and O. S. Canarslan, " <u>Combustion synthesis of SiC-MoSi<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub> composites</u> ", Ceramics International, 45, (12), 14505-14509  |
| <b>2000</b> | <b>Journal Article</b>  | N.S. Canarslan, "Exp. Studies of Particle Packing and Combustion Behaviour of the Slip Cast SiO <sub>2</sub> -Al-C System", J. Materials Research Letters. 19, 357-358, 2000   |
| <b>1998</b> | <b>Conference Paper</b> | N.S. Canarslan, "SiC-MoSi <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> Elektriksel Isıtma Elemanlarının Yanma Sentezi Yöntemiyle Üretilimi", 4th Int. Ceram. Cong., Eskişehir, 1998  |
| <b>1998</b> | <b>Conference Paper</b> | Alpay ve N.S. Canarslan, "J-79 Jet Motoru Egzoz Flaplarında Kullanılan Plazma Sprey ZrO <sub>2</sub> Termal Bariyer Kaplamasına SiC İlavesinin Kaplama Mekanik Özellikleri Üzerine Etkisi", 4th Int. Ceram. Cong., Eskişehir, 1998 |
| <b>1997</b> | <b>Conference Paper</b> | N.S. Canarslan, "Döküm Sürecine Yönelik Filtre Sistemleri ve SiC-Al <sub>2</sub> O <sub>3</sub> Sünger Filtre Üretimine İlişkin Olurluluk Çalışmaları", 9th Int. Met. and Mater. Cong., Ankara, 1997                               |
| <b>1997</b> | <b>Conference Paper</b> | N.S. Canarslan, "Future Generation Composite Materials in Aviation Industy", 2nd Int. Aviation Symp., İstanbul, 1997   |
| <b>1996</b> | <b>Conference Paper</b> | H. Kurama ve N.S. Canarslan, "The Filtration of Pb <sup>++</sup> ions Contained in a Waste Water by the Foam Filter Fab. Using Zeolite Based Comp.", 3rd Int. Ceram. Cong., İstanbul, 1996   |
| <b>1994</b> | <b>Conference Paper</b> | N. Canarslan ve N.S. Canarslan, "The New Emerging Technology, Combustion Synthesis for Materials Processing", 2nd Int. Ceram. Cong., İstanbul, 1994  |

|      |                         |  |
|------|-------------------------|--|
| 1994 | <b>Conference Paper</b> | N.S. Canarslan, "The Inf. of the Slip Parameters on the Slip Casting and the Comb. Synthesis of Colloidal Silica Susp. SiO <sub>2</sub> -Al-C System", 2nd Int. Ceram. Cong., İstanbul, 1994                   |
| 1994 | <b>USA Patent</b>       | J.A. Sekhar, V. Subramanian ve N.S. Canarslan, "Combustible Slurry for Joining Metallic or Ceramic Surfaces or for Coating Metallic, Ceramic and Refractory Surfaces", U.S.A. Patent. Serial No: 5376421, 1994 |
| 1993 | <b>USA Patent</b>       | J.A. Sekhar, S.B. Bhaduri, H.P. Li ve N.S. Canarslan, "Manufacture of Net Shaped Metal Ceramic Composite Engineering Components by Self-Propagating Synthesis", U.S.A. Patent. Serial No: 5188678, 1993        |

## SOCIAL LIFE

**Areas of Interest:** *Economy Politics; Organic Gardening; Painting; Hunting*  
**Memberships:** *TMMOB Chamber of Metallurgical Engineers; Turkish Ceramic Society*

## EMPLOYMENT OBJECTIVE

A responsible administration, academic and engineering/research position consistent with my educational background and experience.

## REFERENCES

### Prof.Dr. Hikmet Karakoç

*Fac. of Aeronautics and  
Astronautics, A. Univ.  
Eskişehir, Turkey*

### Ertan Fırat

*General Manager  
AVIVA Sigorta A.Ş.  
İstanbul, Turkey*

### Aydın Güneş

*General Manager  
TURKISH OPET  
İstanbul, Turkey*