



# Middle East Technical University

## Academic Personnel CV



Ret. Prof. Dr. Şerif Faruk Arınç  
Engineering Faculty  
Mechanical Engineering Department  
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### EDUCATION

**Degree:** B.Sc. **Year:** 1968 **Discipline:** Mechanical Engineering **University:** Middle East Technical University **Country:** Turkey

**Degree:** M.Sc. **Year:** 1970 **Discipline:** Mechanical Engineering **University:** Middle East Technical University **Country:** Turkey

**Degree:** Ph.D. **Year:** 1976 **Discipline:** Nuclear Engineering **University:** North Carolina State University **Country:** U.S.A

### EMPLOYMENT RECORD

**Position:** Assistant **From:** 1968 **To:** 1970 **Institution:** Mechanical Engineering Department, Middle East Technical University **Country :** Turkey

**Position:** Teaching Assistant **From:** 1968 **To:** 1974 **Institution:** Nuclear Engineering Department, North Carolina State University **Country :** U.S.A

**Position:** Research Assistant **From:** 1974 **To:** 1976 **Institution:** Nuclear Engineering Department, North Carolina State University **Country :** U.S.A

**Position:** Instructor **From:** 1976 **To:** 1977 **Institution:** Mechanical Engineering Department, Middle East Technical University **Country:** Turkey

**Position:** Assistant Professor **From:** 1977 **To:** 1980 **Institution:** Mechanical Engineering Department, Middle East Technical University **Country:** Turkey

**Position:** Associate Professor **From:** 1980 **To:** 1988 **Institution:** Mechanical Engineering Department, Middle East Technical University **Country:** Turkey

**Position:** Visiting Associate Professor **From:** 1985 **To:** 1986 **Institution:** Rensselaer Polytechnic Institute, Hartford Graduate Center, **Country:** U.S.A

**Position:** Visiting Associate Professor **From:** 1986 **To:** 1987 **Institution:** Mechanical Engineering Department, Connecticut State University **Country:** U.S.A.

**Position:** Professor **From:** 1988 **To:** 2012 **Institution:** Mechanical Engineering Department, Middle East Technical University **Country:** Turkey

**Position:** Director of Computer Center **From:** 1988 **To:** 1993 **Institution:** Higher Educational Council of Turkey – YÖK, **Country:** Turkey

**Position:** Secretary General **From:** 1994 **To:** Present **Institution:** International Centre for Heat and Mass Transfer - ICHMT

**Position:** Head of Department of International Cooperation **From:** 2004 **To:** 2006  
**Institution:** Scientific and Technological Research Council of Turkey – TÜBİTAK,  
**Country:** Turkey

**Position:** Retired Professor of Mechanical Engineering **From:** 2012 **To:** Present

**Position:** Part-time Instructor **From:** 2013 **To:** 2023 **Institution:** Bilkent University, Mechanical Engineering Department

**Position:** Part-time Instructor **From:** 2013 **To:** Present **Institution:** Middle East Technical University, Mechanical Engineering Department

## SELECTED PUBLICATIONS

**Title:** Simulation of Dissolution of Silicon in an Indium Solution by Spectral Methods  
**Authors:** A. Ümit Coşkun, Y. Yener, F. Arınç **Journal:** Modeling and Simulation in Materials Science and Engineering **Vol :**10 **Pages :**539-550 **Year :**2002

**Title:** Lateral Heating Effects on the PVT Growth Process of Hg<sub>2</sub>Cl<sub>2</sub> Crystals **Authors:** A. Ümit Coşkun, Y. Yener, F. Arınç **Journal:** Modeling and Simulation in Materials Science and Engineering **Vol :**11 **Pages :**233-249 **Year :**2003

**Title:** An Iterative Algorithm for the Computation of Chebychev-Tau Coefficients in the Solution of 2D Advection-Diffusion Equations **Authors:** A. Ümit Coşkun, Y. Yener, F. Arınç **Journal:** Submitted for publication in Int. Journal for Numerical Methods in Fluids

**Title:** Comparison Between Performances of Monte Carlo Method and Method of Lines Solution of Discrete Ordinates Method **Authors:** G. Demirkaya, F. Arıncı, N. Selçuk, I. Ayranıcı **Journal:** Submitted to 4<sup>th</sup> Int. Symposium on Radiative Transfer (Istanbul, 2004) and for publication in Journal of Quantitative Spectroscopy and Radiative Transfer

**Title (Proceedings):** Transient Convective Heat and Mass Transfer in Single and Two-Phase Flows, 17-22 August 2003, Cesme, Turkey, **Editors:** J. Padet and F. Arıncı  
**Publisher:** Begell House Inc.

## RECENT PROFESSIONAL ACTIVITIES

**Position:** Member of the Executive Committee of International Centre for Heat and Mass Transfer (ICHMT), **From:** 1994 **To:** Present

**Position:** Member of the Executive Committee of International Centre for Heat and Mass Transfer (ICHMT), **From:** 1994 **To:** 2018

**Position:** Member of the Executive Committee of ASME Turkish Division **From:** 2000 **To:** 2018

**Position:** Honorary member of the Editorial Board of International Journal of Heat and Mass Transfer **From:** 1994 **To:** Present

**Position:** Member of the Executive Committee, ÖSYM **From:** 2002 **To:** 2006

**Position:** Honorary member of the Executive Committee of Heat and Mass Transfer (ICHMT) **From:** 2018 **To:** Present

## MEMBERSHIPS & AWARDS

**Position:** Member of the Executive Committee of ASME Turkish Division **From:** 2000 **To:** Present

**Position:** Member of Honorary Board of Editors, International Journal of Heat and Mass Transfer **From:** 2000 **To:** Present

**Award:** Fellowship Award, International Centre for Heat and Mass Transfer, 1997

**Position:** Honorary Member of the Executive Committee of Heat and Mass Transfer (ICHMT) **From:** 2018 **To:** Present