



ÇANKAYA UNIVERSITY  
FACULTY OF ARTS AND SCIENCES  
DEPARTMENT OF MATHEMATICS

## SEMINAR

# Harmonicity of Holomorphic Maps Between Almost Contact Metric Manifolds

**SPEAKER** : Prof. Dr. Saadettin Erdem

**DATE** : 12th April, 2019

**TIME** : 13:30

**PLACE** : Çankaya University (Central Campus), R-213

### Abstract:

From the undergraduate complex analysis courses we know that every holomorphic map between complex vector spaces (in fact they are trivial examples of Kaehler manifolds) is harmonic. This fact is generalized by many authors for maps between various types of manifolds with even dimensions (almost Hermitian manifolds) or odd dimensions (almost contact metric manifolds) under certain conditions.

Our results cover almost all the cases and recover most of results obtained earlier.

*All interested are cordially invited.*

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