

## ESMC 2015 - Session Details

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### General Session: Continuum Mechanics II

Type: Oral Presentation  
Date: July 10, 2015  
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10:00 **1.66 ORAL**

#### New Method for Analysis Elastoplastic Flows (#78)

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#### Abstract of Oral Presentation

#### "NEW METHOD FOR ANALYSIS ELASTOPLASTIC FLOWS" (#78)

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There are given the main hypotheses of plastic flow theory [1] and the principal solution procedures. The plastic flow theory is characterized by:

Additivity of elastic and plastic strain rates

$$\dot{\epsilon}_{ij} = \dot{\epsilon}_{ij}^e + \dot{\epsilon}_{ij}^p, \quad (1)$$