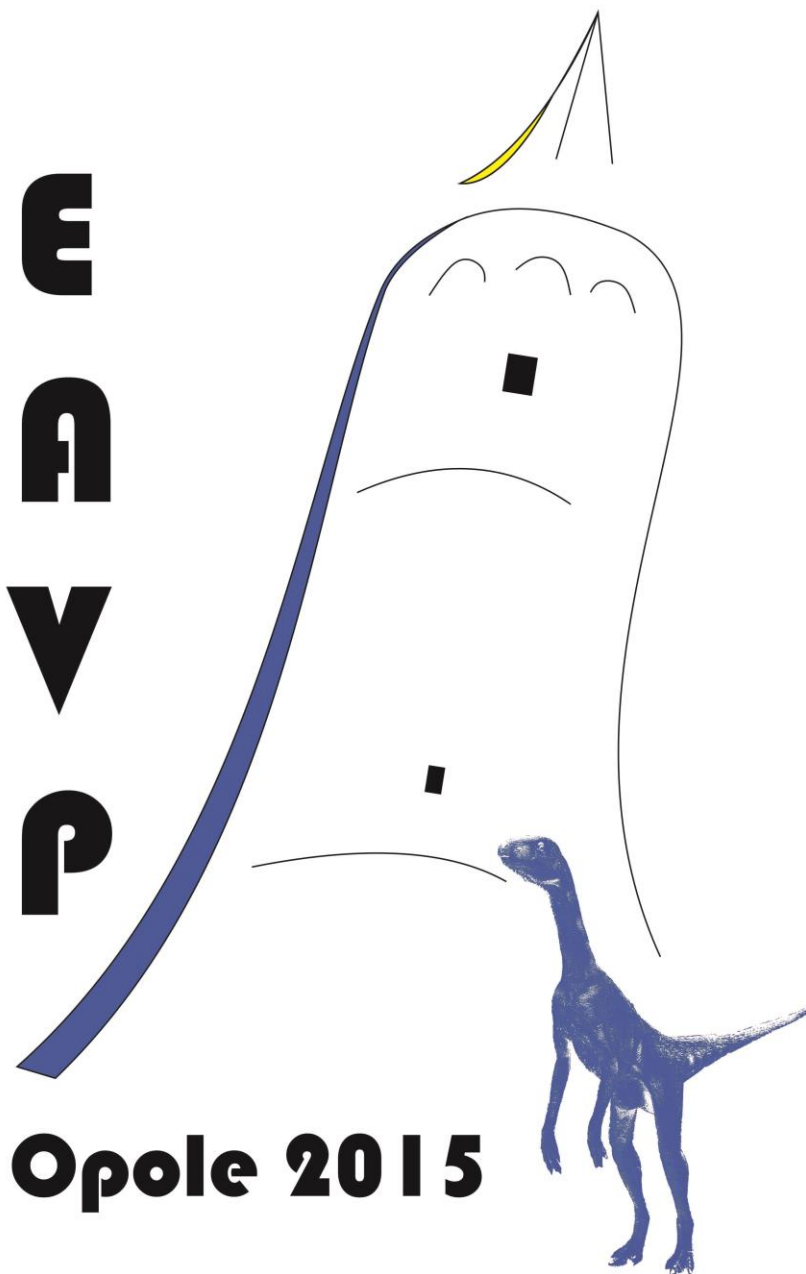


# XIII Annual Meeting of the European Association of Vertebrate Palaeontologists

**Opole - Poland  
8 - 12 July 2015**

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**Opole 2015**





**Saturday, 11 July: 9.00 – 12.00**  
**First Steps Into Geometric  
Morphometrics**

### First Steps Into Geometric Morphometrics

This short course will introduce some basic concepts in Geometric Morphometrics. It will consist of some theoretical explanations followed by software demonstrations. We will cover the following topics:

- Comparing forms, what it is all about?
- What is a landmark?, difference between landmark and configurations.
- Let's do it!: translation, rotation and scaling.
- Removing size: Centroid Size (CS) and allometry.
- Generalized Least Squares (GLS), why this and no other?
- Semilandmarks: implementation and caveats.
- Visualization: Thin Plate Spline, Lollipop Graphs...
- Taking the general picture: Principal Components Analysis (PCA).

Due to limitations on time there won't be practical exercises.

Instructor: Dr. Soledad De Esteban-Trivigno (Transmitting Science / Institut Català de Paleontologia Miquel Crusafont).

Participation is free of charge, but it is limited to 30 participants.  
This course is sponsored by Transmitting Science ([www.transmittingscience.org](http://www.transmittingscience.org)).  
If you wish to participate in this, please fill in the proper place on the registration form ([www.eavp2015.uni.opole.pl](http://www.eavp2015.uni.opole.pl))

#### Contact us:

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