



CLGE updates and news 2016-2018



CLGE: Leading Surveyors Association

- 39 Member countries
- + 2 Observing members
- Last member: Ukraine
- 28 EU Members States
- >> 100.000 Surveyors
- Close cooperation with
 - FIG + YSEN, NSPS, World Bank
 - EuroGeographics, GSA,
 - *EULIS*, PCC, CEPLIS
 - EuroSDR, IESC
 - National Associations

■ CLGE Members
■ CLGE Observing Members





CLGE: Leading Surveyors Association

- Our Mission is to represent and promote the interests of the geodetic surveying profession in the private and public sector in Europe, especially:
- The creation of permanent forum for European geodetic surveyors, who are committed to European co-operation.
- The promotion and exchange of technical, scientific, educational and organizational know-how with the European states.
- Provision of assistance to member countries, to national associations and EU institutions on request.



Projects from last Year

- Blueparking.eu
- EUREAL -> IPMS -> ILMS
- CLGE Student Contest, awarding ceremony's at Intergeo (2016 Hamburg, 2017 Berlin, 2018 Frankfurt a.M.)
- The Global Surveyors Day Celebration (21.03.2018, Washington DC with World Bank)
- Surveyor of the Year
 - 2016: Ruder Boškovic
 - 2017: Guillaume-Henry Dufour
 - 2018: Carl Ritter von Ghega
 - 2019: Loránd Eötvös





The **Council** of European Geodetic Surveyors
Comité de Liaison des Géomètres Européens

CLGE GA Pristina, Kosovo, 19-21.04.2018





Role of CLGE in PosKEN

- CLGE represents users of permanent GNSS networks for precise positioning, especially surveyors, a large group of users of GNSS precision applications
- For Geodesy, Surveying, Mapping – **quality of positioning is everything**
- More concrete events (Projects, workshops, courses etc) can be organized together



Past workshops about positioning

- GSA – Galileo Best Practices, CLGE GA Lausanne, April 2017
 - Chaired by GSA (Michal Babacek, Alina Hriscu)
 - Thematic presentations by
 - **Mattias Eriksson, SWEPOS**
 - **Hugo Toll, Geosoft, Estonia**
 - Both have performed tests with and without Galileo signals and gained increase of accuracy and reliability of the results, specially in difficult areas.



Workshop chairs





Past workshops about positioning

- **Workshop on the surveyor of the future, CLGE GA**
Lausanne, April 2017
 - (Leica new Technologies - Mobile mapping, scan to BIM, SLAM, etc), Chaired by Leica
 - Everything goes robotic
 - Everything goes to the office (remote sensing)
 - Everything goes to simple and fast data capture
- Next big opportunities are underground and underwater
What's role of the Surveyor?

Don't forget about the positioning!!!



Past workshops about positioning

- **Workshop on the changing role of the surveyor,**
CLGE GA Potsdam, Sept 2017
 - Chaired by Steven Cairns, Leica UK.
 - Who is Surveyor? Data collector or data manager?
 - BIM, robots and remote operations on the construction site

Technology is replacing people, if they are not ready for changes.

Don't forget about the positioning!!!



Participation in 1st Galileo User Assembly:

- Torben Juulsager (DK) and Hugo Toll (EST) participated





CLGE Student Contest 2018

- Deadline of submitting the Papers 10.08.2018
- 5 categories, winning price EUR 1000 each + free entrance and travel to Intergeo:
 - Geodesy, Topography (Leica)
 - GIS Mapping (Esri)
 - Cadastre, Property Surveying (IG-Parls)
 - Galileo, Egnos, Copernicus (GSA)
 - Youth Engagement (CLGE)
- [Contest announcement](#) and regulations on CLGE Webpage





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Thank You for Your attention!

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