



Nomination Template for  
Commission Chair Elect 2025-2026  
(for the positions of Chair of Commission for the term 2027-2030)

Commission no. 6-Engineering Surveys	
Nominee	
Name	Dipl.-Ing. Dr.techn. Peter Bauer
Country	Austria
Contact Address	Kopernikusgasse 20/3 8010 Graz Austria
E-mail address	<a href="mailto:peter.bauer92@gmx.at">peter.bauer92@gmx.at</a>
Age	32
Degrees and educational background	<p>2019-2024: Graduate studies, Graz University of Technology, PhD thesis on "Contributions to the quality improvement of the 3D design, operation and visualisation of geodetic monitoring installations " (Dr. techn.)</p> <p>2015-2018: Undergraduate studies (Surveying), Graz University of Technology, Diploma thesis on "Precise surface determination of wooden beam elements" (Dipl.-Ing.)</p> <p>1997-1998: Undergraduate studies (Engineering Surveying), Graz University of Technology, Bachelor thesis on "Increasing the efficiency of measurement processes through integrated imaging sensors" (Bsc)</p>
Employment history - current position - previous	<p><u>Current</u> Since 2024: Surveying Engineer at Auzinger Grillmayer ZT GmbH. Responsible for railway-surveying, monitoring projects and laser scanning. Furthermore, provider of consulting and training in the field engineering geodesy, as part of the GeoAT.</p>



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	<p><u>Previous</u>          2023-2024: External lecturer for “Terrestrial Laser scanning”          Institute of Geodesy          Graz University of Technology, Austria</p> <p>2023-2024: University Project Assistant          Institute of Engineering Geodesy and Measurement Systems,          Graz University of Technology, Austria</p> <p>2018-2023: University Assistant,          Institute of Engineering Geodesy and Measurement Systems,          Graz University of Technology, Austria</p>
Positions of trust - current - previous	<p><u>Previous</u>          2015-2017: Council Member of the Austrian Society for Surveying and Geoinformation (OVG)          2013-2017: Head of the student union (Geomatics) at TU Graz</p>
Positions in FIG - current - previous	<p><u>Current</u>          Chair of the FIG Working Group 6.3: Immersive technologies</p>
Other activities in FIG	Attending Working Week in Ghana and Co-chairing the Commission 6 Meeting
Field of surveying discipline	Deformation Monitoring Network Design Laser scanning
Nominees Statement:	
Why I want to be a Commission Chair and what I would like to achieve	<p><u>Engineering Geodesy and Digital Twins</u>          Increasing the visibility and role of Engineering Geodesy in Digital Twin /BIM processes.</p> <ul style="list-style-type: none"> <li>• More focus on this subject in the working groups</li> <li>• Pushing the need for data templates (surveying equipment)</li> <li>• FIG publication on best practise examples</li> </ul>





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	<p><u>Executing field experiments</u>          Combined field studies (as currently performed by WG 6.2) are a valuable tool for knowledge exchange and the comparison and evaluation of methods. My aim to carry on with these ambitions and to use the next term for the creation of another combined measurement event on deformation monitoring.</p> <p><u>Distribution of Knowledge</u>          Making knowledge in engineering geodesy more accessible to a wider audience through a series of webinars and online workshops (FIG Young Surveyors Network)</p> <p><u>Artificial Intelligence</u>          Setting up a new working group on the usage of AI in Engineering Geodesy.</p>
<p>What I can offer to FIG in support of the aims and objectives of the Commission</p>	<p>I can offer the FIG my strong passion for all subjects of Engineering Geodesy and my ambition to contribute actively to the future of Engineering Surveying.</p> <ul style="list-style-type: none"> <li>• Experience in monitoring projects from a theoretical and from a practical point of view. Good overview of the current best practice.</li> <li>• Experience in the testing and calibration of geodetic instruments (total stations and laser scanners).</li> <li>• Scientific background in immersive technologies, e.g. Virtual Reality.</li> <li>• International scientific network</li> <li>• Experience in the administration of Commission 6 as chair of the working group 6.3</li> </ul>
<p>My key skills</p>	<p>Strong technical background          Interdisciplinary thinking          Openness for new technologies          Communicative</p>



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Any other general comments	
Nominator	
Name of member Association	OVG- Austrian Society for Surveying and Geoinformation
Name and title of contact person	DI Franz Blauensteiner President
Contact address	Austrian Society for Surveying and Geoinformation 1020 Wien, Schiffamtsgasse 1-3 Austria
Email address	<a href="mailto:franz.blauensteiner@bev.gv.at">franz.blauensteiner@bev.gv.at</a> <a href="mailto:office@ovg.at">office@ovg.at</a>
Nominator's statement	
Why the association wants to nominate Nominee	Traditionally, the Austrian Society for Surveying and Geoinformation (OVG) has a close cooperation with the FIG. Dr. Peter Bauer is an expert on engineering surveys and we know him as active an innovative person since his council membership of the OVG. Furthermore, as participant of several FIG events, he is familiar with FIG. We are convinced that he also will bring these qualities as chair of Commission 6. His contacts to research, academics and profession are good prerequisites for a successful work as commission chair.
Support the Association can offer the Nominee (financial and other)	OVG will subsidize the travel activities required for carrying out properly the chairship of Dr. Peter Bauer. In addition, members of OVG acting in the past as officers in FIG will share their experiences with him.
Any other comments	
Signed I hereby certify the above is true and correct	
Date	19.2.2025
Nominee	
Nominator	 (Franz Blauensteiner)