




Nomination Template for Chair Elect

Commission 5 – Positioning and Measurement	
Nominee	
Name	Mikael Lilje
Country	Sweden
Contact Address	Geodetic Research Division, Lantmäteriet SE-801 82 Gävle SWEDEN
E-mail address	mikael.lilje@lm.se
Tel.	+46 26 63 37 42
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Age	40
Degrees and educational background	Master of Science in Civil Engineering, Royal Institute of Technology, Stockholm.
Employment history - current position - previous	Since 1994: Employed at Lantmäteriet Since 2001 Deputy Head of the Geodetic Research Division, Lantmäteriet (National Land Survey of Sweden), Head of the Reference Frame and Coordinate System Section Previous position: Research Geodesist at the Geodetic Research Division
Positions of trust - current - previous	Since 2004: Chairman of the Swedish Association - Swedish Mapping and Surveying Techniques Society (SKMF). Since 1998: SKMF Board Member and have been responsible for the Technical Program of the SKMF Annual Conference. Since 1996: Member of the Height Determination, Geoid, and Reference Frame working groups within the Nordic Commission of Geodesy. Since 2002: Member of the NGOS (Nordic Geodetic Observing System) task force. Appointed Expert to the European Vertical Reference System workshop in Frankfurt, Germany 2004” Involved in several Swedesurvey projects as expert on site, organising visits at Lantmäteriet, holding presentations and more.
Positions in FIG - current - previous	Actively involved in FIG Commission 5 since 1998. Vice Chair of Administration for Commission 5 during 1998-2002.

	<p>Co-Chair of Commission 5 Working Group 5.2 “Reference Frame in Practice” 2002-2006 Chair of Commission 5 Working Group 5.2 “Reference Frame in Practice” 2006-2010. Member of the Steering Committee of FIG Commission 5 since 1998.</p>
Other activities in FIG	<p>Assisted FIG Commission 5 Chairs with the development of technical programs for FIG Working Weeks and Congresses. Editor of FIG Commission 5 Newsletter 1998-2002 and have assisted with preparation of Commission 5 newsletters, notices, documents since 2002.</p> <p>Authored numerous technical papers and have presented at various FIG events or symposiums. Below are some of them listed:</p> <p>Becker J-M, Lilje M, Eriksson P-O (1998): The establishment of the third precise levelling network of Sweden. FIG, Proceedings from the XXI International Congress, commission 5, 264-279, Brighton</p> <p>Lilje M (1998): GPS positioning with cm-level accuracy in real time in the future using SWEPOS. FIG, FIG Seminar, Brno.</p> <p>Lilje M & Eriksson P-O (1999): The production line used in the third precise levelling of Sweden. In Lilje (ed): Geodesy and Surveying in the future – the Importance of Heights, Proceedings, Lantmäteriet, Reports in Geodesy and Geographical Information Systems, 1999:3, 107-117, Gävle.</p> <p>Lilje M (2000): Considerations and national preparation for the use of the global reference frame in Sweden. FIG, the FIG Seminar Mediterranean Surveyor in the new Millennium, Malta.</p> <p>Hedling G, Jonsson B, Lilje C, Lilje M (2001): SWEPOS® - the Swedish network of permanent GPS reference stations (status February 2001). EUREF, Report on the Symposium of the IAG Subcommission for Europe (EUREF), 135-141, Dubrovnik. Also in FIG, FIG Working Week, Seoul.</p> <p>Becker J-M, Lilje M, Olsson P-A, Erikson P-O (2002): Motorised levelling – the ultimate tool for production of classic national height networks. In Drewes, Dodson, Fortes, Sánchez, Sandoval (eds): Vertical Reference Systems, IAG, IAG Symposium 124, 137-141, Cartagena.</p> <p>Engberg L E & Lilje M (2002): <i>A new co-ordinate system for Sweden</i>. FIG, XXII International Congress, April 19-26 2002, Washington DC, USA.</p> <p>Eriksson P-O, Lilje M, Olsson P-A, Svensson R (2002): <i>Validation and preparation of data for the computation of a new height system in Sweden</i>. FIG, XXII International Congress, April 19-26 2002, Washington DC, USA. Also in Poutanen M & Suurmäki H (eds) (2002): Proceedings of the 14th General Meeting of the Nordic Geodetic Commission, NKG, 14th General Meeting, October 1-5 2002, pp 160-166, Esbo, Finland.</p> <p>Jonsson B, Lilje M, Becker J-M, Sjöberg L E, Engen B, Harsson B G, Andersen N, Villadsen S S, Kuittinen R, Vermeer M, Gudmundsson M, Sigurdsson T (2002): Nordic Geodetic Commission – a successful collaboration between the nordic</p>

	<p>countries in the field of geodesy. FIG, XXII International Congress, Washington DC.</p> <p>Becker J-M, Lilje M, Olsson P-A, Eriksson P-O (2002): <i>Motorised levelling – the ultimate tool for production of classic national height networks</i>. In Drewes H, Dodson A, Fortes L P S, Sánchez L, Sandoval P (eds): Vertical Reference Systems, IAG, IAG Symposium on Vertical Reference Systems, February 20-23 2001, pp 137-141, Cartagena, Colombia.</p> <p>Lilje M (2004): <i>Changing the geodetic infrastructure</i>. FIG, Working Week 2004, May 22-27 2004, Athens, Greece.</p> <p>Alfredsson A & Lilje M (2006): <i>Digital Geodetic Archive</i>. FIG, XXIII International Congress, October 8-13 2006, Munich, Germany.</p> <p>Engberg L E & Lilje M (2006): <i>Direct projection – an efficient approach for datum transformation of plane co-ordinates</i>. FIG, XXIII International Congress, October 8-13 2006, Munich, Germany.</p> <p>Svensson R, Ågren J, Olsson P-A, Eriksson P-O, Lilje M (2006): <i>The Swedish new height system RH 2000 and geoid model SWEN 05LR</i>. FIG, XXIII International Congress, October 8-13 2006, Munich, Germany.</p> <p>Chaired and rapporteured numerous technical sessions or open forums at FIG events or symposiums Since 1998 to present - have been on the Organising Committee for international conferences such as: “Geodesy and Surveying in the Future - The Importance of Height” (Gävle, Sweden 1999); “The Mediterranean Surveyor in the New Millennium” (St. Juliens, Malta, 2000)</p> <p>Editor for the publication <i>Geodesy and Surveying in the future – the Importance of Heights</i>, Proceedings, Lantmäteriet, Reports in Geodesy and Geographical Information Systems, 1999:3</p>
Field of surveying discipline	Geodesy
Nominees Statement	
Why I want to be a Commission Chair and what I would like to achieve	<p>I believe that FIG has an important role to play at the ‘grass root’ and operational level of surveying, especially in the under-developed or emerging countries of the world. FIG is the ‘link’ between the academic / scientific world and the working professional surveyor. FIG has an important role in reaching out to the surveyors to share knowledge, to educate and promote the surveying discipline. This can be done in many different ways such as - meeting and discussing issues ‘face to face’, producing technical guidelines / fact sheets / documents, facilitating forums or utilising digital technology and communications to disseminate information. I believe that I am capable of leading and / or facilitating the delivery</p>

	<p>of such services.</p> <p>I have a “long” and “active” history within FIG Commission 5, and so the next logical step would be for me to nominate and become Commission Chair. I know I have more to offer to FIG and would like the opportunity to prove that I can continue to be pro-active within FIG.</p> <p>Also, I would like the FIG-logo to be more visual to our Surveyors and the spatial industry, meaning that FIG should try to be more involved in regional / national / local events either by itself or in co-operation within other global / regional / national associations.</p> <p>Furthermore, I want to continue and also strengthen the co-operation with our Commission 5 sister organisations IAG, ION, ISPRS and others.</p> <p>Finally, I have taken part in the development of FIG Commission 5 to what it is today and would like to enhance the good work done by Prof Jean-Marie Becker, FIG Vice President Matt Higgins and Prof. Rudolf Staiger and their respective teams.</p>
What I can offer to FIG in support of the aims and objectives of the Commission	<p>I can offer myself to FIG, meaning that I would dedicate time and effort to fulfil the aims and objectives of the Commission and FIG. I believe my network of people within the Commission, other Commissions, FIG members and colleagues outside FIG will enable me to build a strong team for 2011 -14 term.</p> <p>I have the support of my employer, Lantmäteriet, who has agreed to provide me both with time and financial assistance to perform my FIG duties.</p> <p>I believe that I have a reputation within the Commission and FIG as a trustful, strategic, reliable, and active member. I also have extensive knowledge and practical experience with Commissions’ field of interest and aware of emerging issues.</p>
My key skills	Knowledgeable, Organised, Strategic, Reliable, Engaging and social able personality.
Any other general comments	
Nominator	
Name of Member Association	Swedish Association of Chartered Surveyors, SLF
Name and title of contact person	Svante Astermo, Chairman of the Association and conference director for FIG Working Week 2008
Contact address	Tunnlandsvägen 85, SE-168 36 Bromma (Chairman) SLF, Box 3437, SE-103 68 Stockholm (Office) SWEDEN

E-mail address	svanteao@algonet.se, info@lantmatarna.se
Tel.	+46 8 564 364 52, +46 8 667 95 90
Fax	+46 8 24 54 64 (SLF Office)
Nominator's statement	
Why the association wants to nominate Nominee	Mikael Lilje is the most active member in the Swedish FIG work and has a very wide network in the International world. He is a very good representative for the Association and Sweden. SLF is convinced that Mikael will play a very active role in the commission work.
Support the Association can offer the Nominee (financial and other)	SLF supports Mikael very strongly and as he has the financial support from Lantmäteriet we are sure that Mikael will have the possibility to attend FIG congresses and Working Weeks and allocate time to the commission work.
Any other comments	We wish Mikael success in his FIG engagement.
Signed	
I hereby certify the above is true and correct	
Date	December 11 2007
Nominee	
Nominator	