

## CURRICULUM VITAE

1. **Family name:** Sibbesen
2. **First names:** Lorens Peter
3. **Date of birth:** February 24<sup>th</sup> 1954
4. **Passport holder:** Danish
5. **Education:** (only university degrees)

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Danish Academy of Engineering [Aug. 1975 –Sept 1980]	<b>Master of Applied Chemical Engineering.</b> (final thesis on analytical chemistry related to Food Chemistry)
The Royal Danish School of Educational Studies for Teachers at Technical and Commercial Colleges, [Jan.1983 –Jan.1984]	Diploma in Education

6. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
French	2	3	3
German	2	2	3
Turkish	(5)	(5)	(5)
Danish	Mother tongue		

7. **Membership of professional bodies:**  
Secretary of Eurolab Denmark  
Representing Eurolab Denmark at GA and in Techn. Comm. on Quality Assurance (TCQA) in Eurolab a.i.s.b.l.  
Danish representative at Eurachem General Assembly  
Chairman of Eurachem Working Group on Method Validation (MVWG)
8. **Other skills:**  
IT literate.  
Experienced MS Excel user; espec. on applications in Analytical laboratories (give trainings on the subject.)
9. **Present position:**  
Self-employed with the company "LAB Quality International – consultancy and training for laboratories".  
Owner of the company established in April 2000.
10. **Years within the firm:**  
18½ (as self-employed - 12½ years with previous employer, DTI; see 13)
11. **Key qualifications:** (Relevant to the project)
  - **Project Management.** Experiences from national and international projects as Team Leader dealing with planning of activities, writing ToRs, contracting Short Term Experts (STEs), monitoring activities of STEs, preparing proposals for new projects and equipment tenders etc. (in acc. with EC/PRAG rules for international projects), writing reports etc..
  - **Planning, preparing and carrying out of training.** Having a degree in teaching theory and have been working with education and training throughout the entire professional career. Have for more than 30 years been giving more than 300 open and in-house seminars and training courses nationally/internationally – some of which have been in the form of a "Train-the-trainer" activity.
  - **Quality Infrastructure and Conformity Assessment.** 30 years' experience with standards like ISO/IEC 17020, ISO/IEC 17020, ISO/IEC 17021, ISO/IEC 17024 and ISO/IEC 17025 (or their predecessors) based on responsibility as Quality Manager for accredited laboratories, having roles as ass. Quality Manager in outsourcing, consultancies on implementation of the standards in various Conformity Assessment Bodies, various project responsibilities and numerous trainings within the field. Familiar with all the international standards and guidelines in the area of Conformity Assessment (the ISO 17000 series of standards and related Technical Specifications).

Have through active work within the laboratory organization EUROLAB – both on national and international level – gained valuable experience related to establishment of good relationships between the various stakeholders in a Quality Infrastructure (QI; national/international). Has built up an extensive experience on establishing/strengthening of NQI (National Quality Infrastructure) in various countries through engagement in QI related projects.

- **Accreditation and Quality Systems.** Have been working with the principles of accreditation almost since their start in the early 90'ties, both on national level (working closely with the Danish Accreditation Body, DANAK – and the interpretation of national Danish regulation in the field) and on international level giving training and consultancy to accreditation bodies in e.g. Turkey and Jamaica (see pt. 13). Have been dealing in details with requirements and guidelines issued by EA and ILAC (e.g. through work within EUROLAB and EUROLAB TCQA). Have especially been engaged in – and given numerous trainings related to – the ISO/IEC 17025 on requirements for competence of testing and calibration laboratories, including all aspects of the Management Requirements as well the Technical Requirements (including the latest 2017 version). The application of the standard for the purpose of accreditation (according to ISO/IEC 17011 – also including the 2017 version) has been an integrated and important part of this where relevant. Extensive, detailed experience in the field of accreditation from numerous tasks nationally and internationally (also including perspectives of accreditation for inspection according to ISO/IEC 17020 and for certification of management systems according to ISO/IEC 17021)
- **Quality Management in testing laboratories.** Specific experience in establishing and adapting suitable Quality Management Systems (QMS) in various types of laboratories in relation to the standards ISO/IEC 17025 (prev. EN 45001 – and lately ISO/IEC 17025 version 3 from 2017), ISO/IEC 15189 (Clin. labs.) and the GLP- and GMP-regulations. The vast experience based on responsibility as Quality Manager for accredited laboratories and a countless number of trainings and consultancies on implementation of the various standards in different kinds of laboratories for more than 25 years. Have in addition performed numerous internal audits in various laboratories on their implementation and maintenance of ISO/IEC 17025 based QMS.
- **Technical requirements for accredited laboratories (acc. to ISO/IEC 17025:2005 & -:2017).** Dealing in details with practical implementation of procedures for method validation, measurement uncertainty estimation, internal control in the laboratory (control charts etc.), use of RMs/CRMs, participation in comparison schemes (PT and ILC), statistics for handling laboratory data, etc. – through trainings and consultancies to testing laboratories.
- **Proficiency Testing (PT) and Interlaboratory Comparisons (ILC) for testing and calibration laboratories.** Have been working in details with the standard ISO/IEC 17043 for PT Providers - and the complementary standards ISO/TS 22117 (PTs for microbiological laboratories) and ISO 13528 (statistics for data evaluation in PT schemes) - giving trainings and advisory on establishment of PT Schemes for testing laboratories and train-the-trainers training for NAB accrediting PT-providers. This includes advisory on setting up ILC's for small groups of laboratories where no suitable PTs would be available.
- **Food Safety Management (related to TBT, SPS, NQI etc.).** Fully knowledgeable of the principles of WTO's Agreements Series on "Technical Barriers to Trade" (TBT) and "Sanitary and Phytosanitary Measures" (SPS) – including the various regulations, standards and guidelines related to systems for securing Food Safety "...from farm to fork" AND the importance of a well-structured National Quality Infrastructure as basis for that (certification, inspection, accredited testing etc.). Have through support to a certification body and food producing companies build up a solid experience in identifying the relevant regulations and Food Safety standards (GSFI benchmarked FSMS standards, like e.g. BRC, SQF, Global GAP a.o.) for the single company, how to establish the necessary FSMS documentation and become certified (acc. to ISO/IEC 17021 principles). Have specific insight in the ISO 22000 series of standards and the FSSC 22000. Have been working with the transparency component of TBT and SPS in terms of notifications and use of enquiry points etc..
- **Metrology (incl. use of RMs/CRMs in analytical laboratories).** Have as a member of Eurolab TCQA and Eurachem over several years been involved in preparing statements and guidelines on metrology in general and subjects like traceability, calibration, Interlaboratory Comparisons (ILCs) and Proficiency Testing Schemes (PTs) specifically. Have as secretary of Eurolab Denmark had a close cooperation with the Danish NMI (DFM) over the years. Giving numerous lectures and trainings on calibration, traceability etc. Have been dealing with Reference Materials (RMs) and Certified Reference Materials (CRMs) as basis for traceability in the analytical laboratories, the statistics for evaluating reference values and their proper use in the laboratory – based on ISO Guides 30-35 (ISO Guide 34 lately becoming ISO/IEC 17034), ILAC Guideline a.o.
- **Basic operations and use of instrumentation in Chemical and Microbiological laboratories.** Based in 6 years' employment at teacher/instructor at the Danish School for education of Laboratory Technicians all

basic techniques in chemical and microbiological laboratories are well known. It includes e.g. basic techniques like pH-measurements, temperature/humidity measurements, and weightings, but also more specific fields like plate and counting techniques for microbiological laboratories as well as preparation for – and handling of – instrumentally based techniques like AAS, ICP, GC, HPLC etc. in the chemical laboratories.

The developments in the field have been followed through the numerous tasks as auditor, instructor, consultant and trainer in a vast number of different laboratories both nationally and internationally.

- **Market Surveillance.** Familiar with the New Legislative Framework in EU leading to Regulation (EC) 765/2008 on requirements for accreditation and market surveillance (working in details with this in relation to EA as active member of EUROLAB) + specifically regulation for food control and food safety in relation to the role of testing laboratories (e.g. EC Directive 96/23/EC + EC Reg. No. 178/2002, EC Reg. No. 854/2004, EC Reg. No. 882/2004 a.o.). Working in close cooperation with the Danish Food Agency and reference laboratory.

Working with the tools under the TBT and SPS Agreements in terms of standardization, harmonization of Quality Infrastructures in different countries as well as tools and principles for Market Surveillance in accordance with the rules promoted by the European Commission for the Single Market.

## 12. Specific international experience:

Country	Date from - Date to
Iran	October 2017. Planning and accomplishing 2 2-days training courses in Tehran for about 55 participants (in total) from a number of laboratories in Iran on the subjects of <i>Validation of Chemical Methods of Analysis &amp; Internal Quality Control in the Analytical Laboratory</i> (Arranged by local consultant, PQP Ltd.; ref.: <a href="mailto:h.dehnad@qualitypioneers.ir">h.dehnad@qualitypioneers.ir</a> )
Jamaica	July 2015 – December 2017. Key Expert / Team Leader on Technical Assistance Team (TAT) for implementing projects EPA I & II on “Strengthening the Quality and Standards Environment in Jamaica” with special focus on TBT, SPS and QI in support to food exporting companies. (see further details under pt. 13) (ref. <a href="mailto:ddavis@pioj.gov.jm">ddavis@pioj.gov.jm</a> )
Turkey	February 2015. Workshop for TÜRKAK Technical Assessors on “Assessment of Technical Competence in Chemical Laboratories” (2 days) + Training for TÜRKAK staff on “Organization of PT Schemes acc. to ISO/IEC 17043 - incl. introduction to relevant statistics acc. to ISO13528” (3 days) (ref.: <a href="mailto:omafyon@turkak.org.tr">omafyon@turkak.org.tr</a> )
Philippines	November 2014. Consultancy and training on PT Provision (Acc. to ISO/IEC 17043 as an activity (4.B.2) under the project “EU-Philippines - Trade Related Technical Assistance Project 3” (ref.: <a href="mailto:wallybrwnt@gmail.com">wallybrwnt@gmail.com</a> )
Philippines	November 2014. Planning and accomplishing 2 2-days training courses for about 60 participants (in total) from a number of laboratories in The Philippines on the subjects of <i>Measurement Uncertainty of Microbiological Results &amp; Validation of Chemical Methods of Analysis</i> (Arranged on private basis; ref.: <a href="mailto:lgkwong@xu.edu.ph">lgkwong@xu.edu.ph</a> )
Philippines	November 2013. Planning and accomplishing 2 training courses for more than 60 participants (in total) from a number of laboratories in The Philippines on the subjects of <i>Measurement Uncertainty of Analytical Results &amp; Internal Quality Control in the Analytical Laboratory</i> (incl. use of CRMs for these purposes) (Arranged on private basis; ref.: <a href="mailto:lgkwong@xu.edu.ph">lgkwong@xu.edu.ph</a> )
Rwanda	August 2012 – June 2013. Doing review and GAP analysis on existing quality documentation for testing and metrology laboratories at Rwanda Bureau of Standards (RBS) with the aim of having the laboratories accredited (followed up upon with a pre-assessment of the implementation of the systems after 7 - 8 months). (ref.: <a href="mailto:markbagabe@yahoo.co.uk">markbagabe@yahoo.co.uk</a> )
Belarus	Dec. 2012. 2 weeks STE mission doing assessment and consultancy on participation in – and provision of – Proficiency Testing schemes and/or Interlaboratory Comparisons within 3 potential national reference laboratories in Minsk (Ongoing) (ref.: <a href="mailto:mikael_krysell@hotmail.com">mikael_krysell@hotmail.com</a> )
Turkey	Feb. 2011 – May 2012. Giving a number of trainings on the standard ISO/IEC 17043 “Conformity Assessment – General Requirements for

	Proficiency Testing” and it’s implementation acc. to ISO/IEC 17011 (incl. a train-the-trainer course for Turkish Accreditation Body, TÜRKAK). (ref.: <a href="mailto:werner.bellmann@kalitealtyapisi.org">werner.bellmann@kalitealtyapisi.org</a> )
Turkey	Dec. 2011: Presentation at Türklab 2011 Laboratory Quality Conference: “The role of private laboratories within the scope of Market surveillance” (example from food control) (ref.: <a href="mailto:oguzel@biruni.com.tr">oguzel@biruni.com.tr</a> )
Turkey	Dec. 2010 - Oct. 2011. ILC/PT Coordinator under the project “Support to the Strengthening of the Quality Infrastructure in Turkey” – i.e. assisting the responsible KE on planning of PT Schemes under the project. Working in close cooperation with TÜRKAK (Turkish Accr. Body) and the Under secretariat of the Turkish Prime Ministry for Foreign Trade (UFT; resp. for TÜRKAK) (ref.: <a href="mailto:werner.bellmann@kalitealtyapisi.org">werner.bellmann@kalitealtyapisi.org</a> )
Turkey	July 2010 – Sept. 2010. Training Coordinator under the project “Support to the Strengthening of the Quality Infrastructure in Turkey” – i.e. responsible for planning of trainings given under the project and the quality of these trainings on conformity assessment issues with regard to securing an optimal outcome for the participants (ref.: <a href="mailto:claes.skjernov@kalitealtyapisi.org">claes.skjernov@kalitealtyapisi.org</a> )
Syria	April 2010: 6 days assignment on clarifying the needs for external, traceable calibrations in Food Laboratories (for e.g. weighings, temperature & humidity measur., pH-measur. etc.), under the project “Strengthening Quality Management, Capabilities and Infrastructures in Syria” (ref.: <a href="mailto:gilles.revoil@gmail.com">gilles.revoil@gmail.com</a> )
Jordan	November 2006 – March 2008. Team Leader (part-time) in Jordan for project with Danish Technological Institute in cooperation with Royal Scientific Society, Amman: <i>Support to the Accreditation, Conformity Assessment and Certification in the Hashemite Kingdom of Jordan</i> . Preparation of tender dossiers for procurement of equipment for chemical laboratories and NDT testing (acc. to PRAG Rules) Responsible for establishing of an accredited unit for product and personal certification (ref.: <a href="mailto:kmajali@rss.gov.jo">kmajali@rss.gov.jo</a> / <a href="mailto:ruba@rss.gov.jo">ruba@rss.gov.jo</a> )
Jordan	September 17 – 22, 2005 + August 20 – 30, 2006 Trainings and consultancy on “ <i>Validation of analytical Test Methods</i> ” and “ <i>Estimation of Measurement Uncertainty</i> ” for laboratories at the Royal Scientific Society, Amman (ref.: <a href="mailto:nazem@rss.gov.jo">nazem@rss.gov.jo</a> )
Turkey	June 2005 - April 2008 Trainings given under the project “Support to Quality Infrastructure in Turkey” (SUPQUIT) on “ <i>Measurement Uncertainty calculations for Chemistry Laboratories</i> ” and “ <i>Validation of analytical Test Methods</i> ” for official and private laboratories within different sectors in Bursa, Izmir, Istanbul and Ankara. A total of 13 4-days trainings within the period giving a good picture of the actual situation in Turkish laboratories with regard to metrology, conformity assessment and accreditation - e.g. through surveys among participants before start of trainings, discussions with participants and evaluation of accomplished training. Contributed to the development of content and form of the different trainings in close cooperation with the project management in Ankara. (ref.: <a href="mailto:sbezen@normconsulting.com">sbezen@normconsulting.com</a> / <a href="mailto:silvia.vaccaro@cen.eu">silvia.vaccaro@cen.eu</a> )

**13. Professional experience:**

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
July 2015 – December 2017	Kingston, Jamaica	<b>QI, Barcelona</b> <i>Contact:</i> Proj. Mngr. Clara Vicente <a href="mailto:cvicente@qualityinstitute.com">cvicente@qualityinstitute.com</a> or Head of BSU, Mr. Eric Mañé <a href="mailto:emane@qualityinstitute.com">emane@qualityinstitute.com</a>	Key Expert / Team Leader	Responsible on-site project leader on Technical Assistance Team (TAT) for implementing projects EPA I & II on “Strengthening the Quality and Standards Environment in Jamaica” with special focus on TBT, SPS and QI in support to food exporting companies, aiming at... 1) A wider scope of laboratory services that meet international requirements and standards on food safety (i.e. capacity building in testing laboratories in terms of consultancy and trainings) 2) International acceptance of test results and Conformity Assessment services (Assistance to NAB on establishment of CMS, expanding scope to cover ISO/IEC 17020 for Inspection bodies and general improvement of accreditation services etc.; securing alignment of activities/initiatives with the regional organizations CARICOM, CARIFORUM AND CROSQ) 3) Enhanced monitoring programmes for residues including pesticides, veterinary medicinal products and environmental contaminants (...by establishment of a national database and website for food contaminants) 4) Increased awareness of international standards and technical requirements in the public sector (with focus on support to the National Certification Bureau for becoming accredited to give certification in accordance with the FSMS standards ISO 22000 and FSSC 22000) 5) Increased awareness of the private sector on TBT and SPS (arranging a number of seminars/workshops on requirements for food export – incl. use of the Jamaican NQI) In addition to TL role also contributing to all 5 results as KE, giving trainings and consultancy on Quality Management based on ISO/IEC 17025, Internal Audits, Method Validation, Measurements Uncertainty, Internal/External Control in laboratories, Metrology etc.
Nov 4 – Nov 21 2014	Manilla, The Phi- lippines	<b>ACE International Consultants</b> <i>Contact:</i> KE2 E. Wally Austin <a href="mailto:wallybrwnt@gmail.com">wallybrwnt@gmail.com</a> or Proj. Mngr. L. Mazet <a href="mailto:lmazet@aceconsultants.eu">lmazet@aceconsultants.eu</a>	Consultant	Assignment as STE on project: <i>EU-Philippines - Trade Related Techn. Assist. Project 3</i> Giving training and consultancy based on ISO/IEC 17043 and ISO 13528 with the purpose of establishing a PT Provider activities within the beneficiary organisation (FDA, Manila). Supplementary: 1 day introductory training on Method Validation [Project: DCI-ASIE/2012/023-158]
Dec 2012 -	Minsk, Belarus	<b>AFNOR</b> <i>Contact:</i> KE2 K. Wienecke <a href="mailto:karsten.wienecke@jbqc.de">karsten.wienecke@jbqc.de</a> or Proj. Mngr. K. Ratinaud <a href="mailto:karine.ratinaud@afnor.org">karine.ratinaud@afnor.org</a>	Consultant	Assignment as STE on project: <i>Support to Quality Infrastructure in the Republic of Belarus – Food Safety</i> Working with the responsible management in 3 different official laboratories, aiming at improving their Quality Management and Quality Control for the purpose of becoming national reference laboratories and providers of Proficiency Testing schemes in relation to Food Safety. Giving consultancy, planning future activities and trainings, establishing contacts for further cooperation with European counterparts etc. [Project: EuropeAid/131438/SER/BY ]

Aug 2012 - June 2013	Kigali, Rwanda	<b>BSI</b> <i>Contact:</i> TL S. Gujadhur <a href="mailto:gujadhursk@gmail.com">gujadhursk@gmail.com</a> or Proj. Mngr. C. Davies <a href="mailto:Charles.Davies@bsigroup.com">Charles.Davies@bsigroup.com</a>	Consultant	Assignment as STE on project: <i>Twinning support to Rwanda Bureau of Standards (RBS) to strengthen quality infrastructure and facilitate Rwandan Businesses to export</i> Doing assessment and GAP analysis on laboratory quality systems as basis for consultancy, training and mentoring on improvement of systems towards application for accreditation. Accomplishment of pre-assessment of implemented QS in the laboratories [Project: TradeMark East Africa, Contract nr PO/00525]
July 2010 – May 2012	Turkey	<b>BSI</b> <i>Contact:</i> TL C. Skjernov <a href="mailto:cls@csmanagement.dk">cls@csmanagement.dk</a> or Proj. Mngr. C. Davies <a href="mailto:Charles.Davies@bsigroup.com">Charles.Davies@bsigroup.com</a>	Senior Consultant	Training Coordinator & ILC/PT Coordinator within the project “ <i>Strengthening the Quality Infrastructure in Turkey</i> ” Responsible for planning and establishing a number of ILC/PT Schemes for Turkish testing and calibration laboratories. Giving a number of trainings on the subject. Specifically planning and accomplishing a “Train the trainers” training for TÜRKAK Consultancies with Under Secretariat of the Turkish Prime Ministry for Foreign Trade (UFT; resp. for TÜRKAK) [Project: EuropeAid/126728/D/SER/TR ]
April 2010	Damascus, Syria	<b>IBF</b> <i>Contact:</i> KE Gilles Revoil <a href="mailto:gilles.revoil@gmail.com">gilles.revoil@gmail.com</a>	Consultant	Assignment on clarifying the needs for external, traceable calibrations in Food Laboratories, under the project “ <i>Strengthening Quality Management, Capabilities and Infrastructures in Syria</i> ” 6 days assignment on clarifying the needs for external, traceable calibrations in Food Laboratories (for e.g. weighings, temperature & humidity measurements, pH-measurements etc.) [Project.: EuropaId/ MED/2006/018-364 ]
Oct 2007 - (ongoing)	Denmark	<b>Eurolab Denmark</b> <i>Contact:</i> Chairman L. Madsen <a href="mailto:lma@delta.dk">lma@delta.dk</a>	Secretary (part-time)	Representing Eurolab Denmark at European GA and ½-year meetings. Representing Eurolab Denmark in Eurolab TCQA (Technical Committee on Quality Assurance) Representing Eurolab Denmark at Eurachem GA and ½-year meetings (convener of WG on Method Validation) Daily contact point for members and responsible for all member services (seminars & workshops, trainings, exchange of experiences between members etc.). Administrative routines like updating membership files, updating web-site ( <a href="http://www.eurolabdenmark.dk">www.eurolabdenmark.dk</a> ) etc.
Nov 2006 - Mar 2008	Amman, Jordan	<b>Danish Techn. Institute</b> <i>Contact:</i> Proj. Mngr. L. Drejer <a href="mailto:lars.drejer@teknologisk.dk">lars.drejer@teknologisk.dk</a> or Local counterpart Ms. K. Majali <a href="mailto:kmajali@rss.gov.jo">kmajali@rss.gov.jo</a>	Team Leader/ Consultant	Assignment as TL in project, “ <i>Support to the Accreditation, Conformity Assessment and Certification in the Hashemite Kingdom of Jordan</i> ” at Royal Scientific Society, Amman Responsible for coordination between 4 KEs + a number of STEs Provided support during the process of achieving an accreditation (with the Greek AB, ESYD) for product certification (acc. to EN 45011) and personnel certification (acc. to ISO 17024). Elaborating Tender Dossiers for equipment procurement (Chemical analysis and NDT Testing) in accordance with the PRAG Rules. Developing international cooperation platforms and Certification Body QA manuals. Development and delivery of trainings [Project: EuropeAid/120167/D/SV/JO ]
Aug 2006			Lecturer/ Consultant	Training and consultancy on “ <i>Measurement Uncertainty of Analytical Results</i> ” for laboratories at the Royal Scientific Society, Amman, Jordan.
Sep 2005			Lecturer/ Consultant	Training and consultancy on “ <i>Validation of analytical Test Methods</i> ” for analytical laboratories. Writing article, “ <i>Decisions based on analytical results - who is responsible for the reliability?</i> ” for society’s website

May 2005 – Apr 2007	Turkey	<b>CEN – European Committee for Standardisation</b> Contact: TL S. Bezen <a href="mailto:sbezen@normconsulting.com">sbezen@normconsulting.com</a> or Proj. Mngr. S. Vaccaro (CEN) <a href="mailto:silvia.vaccaro@gmail.com">silvia.vaccaro@gmail.com</a>	Senior STE	Assignment as STE on project: <i>Support to the Quality Infrastructure in Turkey</i> Training needs analysis, development and delivery of trainings on " <i>Measurement Uncertainty calculations for Chemistry Laboratories</i> " and " <i>Validation of Analytical Methods</i> ": <ul style="list-style-type: none"> <li>• Izmir, February 2006 (laboratories attached to the EBILTEM, EGE University)</li> <li>• Istanbul, June 2006 (private laboratories, members of Türklab)</li> <li>• Izmir, November 2006 (laboratories under the Ministry of Health in Turkey)</li> <li>• Istanbul, April 2007 (Lab.s from different departments under Istanbul Techn. University)</li> <li>• Bursa, June 2005 (official and private laboratories within the food sector in Turkey)</li> <li>• Izmir, June 2005 (AGAFAR, EGE University, for private laboratories)</li> <li>• Bursa, September 2005 (official and private laboratories within the food sector in Turkey)</li> <li>• Ankara, November 2005 (laboratories under the Ministry of Health in Turkey)</li> <li>• Istanbul, February 2006 (private laboratories, members of Türklab)</li> <li>• Istanbul, June (private laboratories, members of TALSAD and Türklab)</li> <li>• Izmir, September 2006 (laboratories under the Ministry of Health in Turkey)</li> <li>• Istanbul, February 2007 (lab.s from different departments under Istanbul Techn. University)</li> <li>• Ankara, April 2007 (lab.s under Ministry of Labour and Social Security)</li> </ul> Planning, preparation, survey on participant background, lecturing, evaluation, reporting [Project: CEN/CONSULT/2005/TRQI 05-017 ]
Aug 2000 – June 2002	Denmark	<b>DANAK. (Danish Accr. Board)</b> Contact: Director J. Høy <a href="mailto:jeh@danak.dk">jeh@danak.dk</a>	Secretary (part-time)	Heading the work of a WG on establishing a guideline on Method Validation for Analytical Laboratories, including conformity assessment aspects
<b>2000 -</b> (ongoing)	Denmark	<b>LAB Quality International</b> ( <a href="http://www.labqa.dk">www.labqa.dk</a> ) Self-employed with the company	Manager	LAB Quality offers consultancy and educational services for analytical laboratories, notably within the area of Quality Assurance and related topics in accordance with the ISO/IEC 17025. The services cover e.g. subjects like a.o.: Establishment of Quality Systems, Internal Audits, Method Validation, Measurement Uncertainty Estimation, Inter-laboratory Comparisons, Proficiency Testing, Quality Control, Applicable Statistics, Use of Excel for handling of laboratory data etc.
<i>...special assignments/tasks during working with LAB Quality International:</i>				
Oct 207	Tehran, Iran	Pasargad Quality Pioneers Ltd. (PQP) Contact: Hamidreza Dehnad, CEO <a href="mailto:h.dehnad@qualitypioneers.ir">h.dehnad@qualitypioneers.ir</a>	Organizer /Lecturer	Planning and accomplishment of two training courses in Tehran: <i>Validation of Chemical Methods of Analysis</i> (2 days) & <i>Internal Quality Control in the Analytical Laboratory</i> (2 days)
Feb 2015	Ankrar, Turkey	TÜRKAK / Turkish Accreditation Agency Contact: Osman Afyon <a href="mailto:omafyon@turkak.org.tr">omafyon@turkak.org.tr</a>	Organizer /Lecturer	2 days Workshop for Technical Assessors: "Assessment of Technical Competence in Chemical Laboratories" (20 participants) 3 days Training Course for TÜRKAK staff: "Organization of PT Schemes acc. to ISO/ IEC 17043 - incl. introduction to relevant statistics acc. to ISO13528" (Incl. examination)

Nov 2014	Philippines	Northern Mindanao Laboratory Consort. Found. Inc., Reg. Stand. & Test. labs. Office X, Dept. of Chem. Xavier University <i>Contact:</i> Lina G. Kwong, Ph.D. <a href="mailto:lgkwong@xu.edu.ph">lgkwong@xu.edu.ph</a>	Organizer /Lecturer	Training courses: <i>Measurement Uncertainty of Microbiological Results</i> (2 days) & <i>Validation of Chemical Methods of Analysis</i> (2 days)
Nov 2013	Philippines	Northern Mindanao Laboratory Consort. Found. Inc., Reg. Stand. & Test. labs. Office X, Dept. of Chem. Xavier University <i>Contact:</i> Lina G. Kwong, Ph.D. <a href="mailto:lgkwong@xu.edu.ph">lgkwong@xu.edu.ph</a>	Organizer /Lecturer	Training courses: <i>Measurement Uncertainty of Analytical Results</i> (2 days) & <i>Internal Quality Control in the Analytical Laboratory</i> (2 days)
Jan 2013	Denmark	Statens Serum Institut <i>Contact:</i> Director, Vaccine Development, Ingrid Kromann <a href="mailto:ikr@ssi.dk">ikr@ssi.dk</a>	Organizer /Lecturer	Training course: <i>Brush-up training on GLP-principles</i>
May 2012	Berlin, Germany	Eurachem <i>Contact:</i> Eurachem President B. Magnusson <a href="mailto:bertil.magnusson@sp.se">bertil.magnusson@sp.se</a>	Scientific Adviser	Responsible chairman for Scientific Committee of international workshop: <i>Validation/Traceability/Masurement Uncertainty. Challenges for the 21<sup>st</sup> Century's Analysts</i>
May 2010	Denmark	Eurachem <i>Contact:</i> Eurachem President B. Magnusson <a href="mailto:bertil.magnusson@sp.se">bertil.magnusson@sp.se</a>	Scientific Adviser	Responsible chairman for Scientific Committee of international workshop: <i>Analytical Results for Decisions</i>
June 2008– Jan 2009	The Netherlands	NUFFIC <i>Contact:</i> Program Adm. L. Bosma <a href="mailto:lbosma@NUFFIC.NL">lbosma@NUFFIC.NL</a>	Chairman	Chairman of Tender Evaluation Committee with "Netherlands Organization for international Cooperation in Higher Education" (NUFFIC) for projects under Netherlands Fellowship Programmes (NFP) (evaluating 3 proposals)
Jan 2007 – Sep 2008	Denmark	Danfoss Drives <i>Contact:</i> Lab. Mngr. K. Jacobsen <a href="mailto:kfi@danfoss.com">kfi@danfoss.com</a>	Consultant	Establishment of an accreditable quality system in an electrical testing laboratory including gap analysis, inter laboratory comparisons, procedure Development, development and delivery of trainings.
June 2006	Denmark	LEO Pharma <i>Contact:</i> QA resp. Lisbeth Sørensen <a href="mailto:lisbeth.soerensen@leo-pharma.com">lisbeth.soerensen@leo-pharma.com</a>	Lecturer	Training course: <i>Good Laboratory Practice - Basic GLP</i>
July 2005 - Sep 2005	Riga, Latvia	Ramboll (Engineering Consult.) <i>Contact:</i> Proj. Mngr. M. Fich <a href="mailto:mif@force.dk">mif@force.dk</a>	Lecturer/ Consultant	Training and consultancy (incl. gap analysis) on "Implementation of 17025 in fuel testing laboratories" (espec. with emphasis on method validation) for "State Revenue Service, Division of Fuel Surveillance", Riga
Feb 2005 - Aug 2005	Denmark	Statoil Refinery <i>Contact:</i> Lab. Mngr. P. J. Nielsen <a href="mailto:d01pjn@statoil.com">d01pjn@statoil.com</a>	Lecturer/ Consultant	Training and consultancy on method validation for a laboratory performing fuel and gas analysis in an oil refinery



Dec 2004	Denmark	AROS Applied Biotechnology (a.o.) <i>Contact:</i> (ref. at that time (!): Prof. Torben F. Ørntoft)	Lecturer	Training course: <i>GLP - Background, Implementation, Application</i>
Oct 2003 - Dec 2005	Denmark	Energy E2, Power Plant <i>Contact:</i> (ref. at that time (!): Lab. Mngr. Joern Hansen )	Assist. Quality Manager (part-time)	Responsible for method validation and estimation of measurement uncertainty used for routine analysis in the plant laboratory
Dec 2001 – May 2002	Faroe Islands	Heilsfrødliga Starvstovan <i>Contact:</i> Lab. Mngr. B. Enni <a href="mailto:BENNI@hfs.fo">BENNI@hfs.fo</a>	Consultant	Performing analysis of existing Quality system and establishing a revised system accreditable acc. to ISO 17025
<b>1987 – 2000</b>	Denmark	<b>Danish Technological Institute</b> (DTI, Dept. of Chemistry) <i>Contact:</i> CEO S. Stjernqvist <a href="mailto:st@teknologisk.dk">st@teknologisk.dk</a>	<b>Quality Manager &amp; Course Coordinator</b>	<b>Quality Manager for 5 accredited analytical and testing laboratories.</b> The responsibility as Quality Manager covered analytical and testing laboratories (air and water sampling, flow measurement, biological testing, chemical analysis etc.) managing the quality systems and dealing with the requirements for technical competence in the laboratories. Participated in several periods as member of working groups with the Danish Accreditation Board (DANAK) as a representative for DTI Coordinator of Short Course Training Programmes Responsible for developing new training courses on conformity assessment according to needs among analytical laboratories in Denmark (both technical and quality-related issues), Served as Deputy Manager for Dept. of Analytical Chemistry from June 1993 to May 1995. Worked on the principles of Metrology in chemistry through participation in a Danish working group on the initiative (Danish Ministry for Industry and Housing, March – Sep. 1999); The position with DTI gave over the years many opportunities for cooperation with CABs, NMIs and other institutions within the field of metrology in Denmark and internationally.
<i>...special assignments during employment at DTI:</i>				
Oct 1997 - Dec 1998	Bursa, Turkey	Sagem Textile Institute (Dept. of MRC, Tübitak) <i>Contact:</i> (ref. at that time (!): Ass. Director Yaşar Kaydi )	Lecturer/ Consultant	Consultancy and training on improvement of quality assurance and restructuring (improvement of facilities and equipment) of environmental laboratory in the Sagem Textile Institute, Bursa
Oct 1998	Denmark	AOAC-E / Eurachem <i>Contact:</i> AOAC-E President P. Metra <a href="mailto:pierre.metra@mxns.com">pierre.metra@mxns.com</a>	Scientific Adviser	Responsible chairman for the Scientific Committee of the International symposium/-workshop: "Quality Assurance in Computerized Laboratories - Analytical, Clinical and Pharmaceutical Laboratories", (120 participants from most parts of the world)
1997 – 99	Denmark	DANAK. (Danish Accr. Board) <i>Contact:</i> Director J. Høy <a href="mailto:jeh@danak.dk">jeh@danak.dk</a>	Consultant	Contributing to WG on establishing national guideline on the principles of Flexible Scope for Accreditation
June 1996	Cairo, Egypt	WAITRO <i>Contact:</i> WAITRO Secr. M. Mengu <a href="mailto:Moses.Mengu@teknologisk.dk">Moses.Mengu@teknologisk.dk</a>	Lecturer/ Consultant	Seminar on "Quality Assurance in Laboratories" for public and private laboratories in the Cairo area. Consultancies with Minister of Trade and Minister of Industry with regard to establishment of an Egyptian Accreditation Body

<b>1985 - 1987</b>	Denmark	<b>Hilleroed Technical College</b> <i>Contact:</i> Dep. Mngr. A. Thromsholdt <a href="mailto:at@eanord.dk">at@eanord.dk</a>	Teacher	Teaching and training of laboratory technicians. . As a part of the teaching staff responsible for planning and performing teaching and instruction on subjects like microbiology, chemistry, applied physics, mathematics and instruction on instrumental analysis in the laboratory
<b>1981 - 1985</b>	Denmark	<b>Copenhagen Laboratory Technician School</b> <i>Contact:</i> Dep. Mngr. L. Nissen <a href="mailto:lsni@phmetropol.dk">lsni@phmetropol.dk</a>	Teacher	Teaching and training of laboratory technicians. As a part of the teaching staff responsible for planning and performing teaching and instruction on subjects like microbiology, chemistry, applied physics, mathematics and instruction on instrumental analysis in the laboratory

**14. Other information**

Have good experience in working and co-operating with people from different cultural backgrounds (see pt. 12 + 13)

Have a comprehensive, worldwide network of experts within the areas of conformity assessment, accreditation, Quality Management a.o.