

## PROFESSIONAL EXPERIENCE

- Since 2004     **Engineering Conculancy** “Ingenieurbüro Dr. Horn, Frankfurt”
- Engagements:** Haus der Technik Essen; Kurarray Europe Frankfurt-Höchst; Roche Mannheim und Basel; KIW, Weinheim; InfraserV Höchst, Frankfurt; SAG Peters, Hamburg
- Projects with Francke & Dr. Geibig, Bensheim:** Stadtwerke Mainz; KMW, Mainz; Dyckerhoff, Lengerich; Mahle Brockhaus, Plettenberg; Badische Stahlwerke, Kehl, Wienstrom, Österreich; InfraserV Höchst, Frankfurt
- Emergency and Crisis Management:** Netzwerk Krisenkompetenz; SIMEDIA, Bonn; BASF-Pigments, Köln; InfraserV Höchst, Frankfurt; ZDF, Mainz; SWM, Mainz
- Since 2006     **Cause Mapping Representative Germany and Europe** – Thinkreliability.com, Houston Texas, USA: Roche Mannheim und Basel, Baker Hughes, Celle, SBM, Monaco, T2C InfraserV Höchst, Frankfurt
- Since 2004     **Senior Consultant** - SBTI Europe AB, Sweden  
Several engagements for Pan-European clients throughout Europe both in Lean and Six Sigma deployments.
- 2002 – 2004     **Plant Manager** – Pressure Emulsion Plant VAE  
Clariant Emulsion Norden, Perstorp, Sweden  
Since 2003 Celanese Emulsion Norden, Sweden
- 1995 - 2002     **Various Management Positions:** Projekt Manager Production Optimisation Dispersionen K, Emergency -Manager at Main Plant Frankfurt Höchst with Hoechst AG, Frankfurt.
- 1994            **Delegation to Hoechst Pakistan**, Karachi and Lahore  
Status Report for an Engineering Project of Hoechst RAVI Chem. Joint Ventures
- 1986 – 1995     **Various Management Positions**, with Hoechst AG, Frankfurt  
Project Manager Engineering, Plant Engineer, Maintenance Manager
- 1984 – 1987     **Research Assistant**, at Desert Research Institute, Nevada, USA

## SIX SIGMA & LEAN: TRAINING & PROJECT HIGHLIGHTS

- 2003           Lean Kaizen event  
Project Manager, Celanese Perstorp Plant, Sweden  
Debottlenecking of conventional emulsion unit
  
- 2003           Green Belt Training Celanese, Texas, Bishop/Clearlake Plant, USA  
Green Belt Project: Reduction of waste in finishing process
  
- 2003           Lean Leader Training, Celanese Frankfurt Plant, Germany  
Efficiency increase in process control of emulsion unit
  
- 2004 /2005    Lean Sigma Black Belt Training, multi-cultural teams Instructor
  
- 2005           Kaizen Event, Johnson Diversy, London, Facilitator
  
- 2005           Lean Training, Ecolab, Düsseldorf, Instructor
  
- 2005           Yellow Belt Training, Osram, Schwabmünchen, Instructor
  
- 2006           Lean Training, Ecophon Hyllinge, Sweden and Lübeck, Germany

## EDUCATION

- 1979 – 1984   **Chemical Engineering** with RWTH Aachen
  
- 1983 – 1984   **Master Thesis at Desert Research Institute** - Boulder City, Nevada
  
- 1984 – 1987   **Ph D at Desert Research Institute** via an exchange program with  
RWTH Aachen
  
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- 1991 – 1992   **“Praxis Oriented Economics”**- Hoechst AG/EBS (European Business School)

## MISCELLANEOUS

**Editor of german „Instandhaltungsberater (maintenance consultant)“ by TÜV Media**

**Languages:** English – fluent  
Swedisch – fluent  
Spanish/French – basics

**Non Profit Org:** “Plattform Humans in complex Work Environments”  
Non Profit Organisation (2. Chairman since 1998)  
[www.plattform-ev.de](http://www.plattform-ev.de)

## PUBLICATIONS

### Technical Reports

Horn, G.,  
Corvalan, F.,  
Hartmann, H., „Calculation of Vapor/Liquid Equilibria  
from Vapor Pressure Measurements“,  
RWTH Aachen, March 1983.

Horn, G.,  
Wyes, F.,  
Plessmann, K.W., „Development of a Basic Interpreter for FORTH  
written in Pascal Code“,  
RWTH Aachen, July 1983.

Horn, G.,  
Rockenfeller, U.,  
Stojanoff, C.G., „Development and Computer Simulation of a  
High Temperature Regenerator with Thermochemical  
Reaction“, ESC Report 84/01, March 1984.

Rockenfeller, U.,  
Horn, G., „Complex Compound Temperature Amplifier“,  
Final Report, Battelle, under Subcontract  
No. B-04023-A-V, August 1985.

Wandelt, B.,  
Rockenfeller, U.,  
Horn, G.,  
Stojanoff, C.G., „Investigation of Fluid Properties for a  
Dual Temperature Heat Pump Storage System“,  
E&EEC Report 86/01, March 1986.

Minkenberg, H.,  
Horn, G.,  
Rockenfeller, U.,  
Stojanoff, C.G.,  
„Computer Model of Complex Compound Reactions  
for a Heat Pump Storage System“,  
E&EEC Report 86/02, March 1986.

Rockenfeller, U.,  
Horn, G.,  
„New Industrial Chemical Heat Pump Working  
Fluids“, Oak Ridge National Laboratory  
under Contract No. 86X-22014C, 1986.

Horn, G.,  
„Development of a Computer Model and Basic  
Expert System for a Thermal Storage Heat Pump  
System“, RWTH Aachen, May 1987.

### **Puplications**

Rockenfeller, U.,  
Horn, G.,  
„Industrial Heat Pumps Using Solid/Vapor  
Working Fluids“, 1986 Industrial Energy  
Technology Conference and Exhibition,  
Houston, Texas June 1986.

Rockenfeller, U.,  
Horn, G.,  
et al.,  
„Temperature Amplifiers Using Complex  
Compounds“, Proceedings of Industrial  
Innovative Concepts Fair, Arlington,  
Virginia 1985. (Contributor)

Rockenfeller, U.,  
Stojanoff, C.G.,  
Horn, G.,  
et al.,  
„Development of Dual Temperature Ammines for  
Heat Pump Latent Storage Applications“,  
Final Report Oak Ridge National Laboratory,  
under Contract No. 86X47999C, May 1985.(Contributor)

Dr. Günter Horn  
„Grenznutzen der technischen Verbesserungen-  
Sicherheitsressource Mensch in der chemischen Industrie“,  
VDI-Hessen, Technik in Hessen, Heft Nr. 3 1999,

Dr. Günter Horn  
Dr. Harald Werner  
„Protection of Environment by Emergency Managers  
in the Frankfurt Hoechst Industrial Park“  
„Foresight and Precaution“, May 14-17th, 2000 Edinburgh

- Dr. Günter Horn Faktor Mensch, „Mehr Vertrauen in die Mitarbeiter“  
Gebäudemanagement, Heft 10/2000
- Dr. Gesine Hofinger „Notfallplanung“, Beitrag im Buch „Ja, mach doch  
Dr. Günter Horn einen Plan“, Strohschneider, von der Weth  
Verlag Hans Huber, Bern, 2. Auflage 2002
- Dr. Günter Horn „Eskalation in kritischen Situationen“  
Beitrag zum Buch „Entscheiden in kritischen  
Situationen“, Strohschneider Hrsg., Verlag für  
Polizeiwissenschaften, 2003
- Dr. Günter Horn „Kommunikation im Krisenstab“  
Prof. Strohschneider Beitrag zum Buch „Kommunikation in  
kritischen Situationen“, Hofinger Hrsg.,  
Verlag für Polizeiwissenschaft 2005
- Dr. Günter Horn „Lernen aus Störfällen und Präventionsansätze in  
Dr. Kristina Lauche der Prozessindustrie“, Beitrag zum Buch „HumanFactors“,  
Badke-Schaub, Hofinger, Lauche Hrsg.,  
Springer Verlag 2008
- Dr. Günter Horn „Krisenstabsarbeit im Chemieunternehmen“  
Dr. Martin Schnauber Beitrag zum Buch „Führung und Teamarbeit in  
kritischen Situationen“, Buerschaper, Starke Hrsg.,  
Verlag für Polizeiwissenschaft 2008
- Dr. Günter Horn „Erfolgsfaktor Sicherheitskultur“ Beitrag zum Buch  
Dr. Inga Meyer „Kultur und sicheres Handeln“, Strohschneider und  
Heimann Hrsg., Verlag für Polizeiwissenschaft 2009
- Dr. Günter Horn Herausgeber des „Instandhaltungs-Berater“  
Dr. Friedrich Geibig Aktuelles Nachschlagewerk, TÜV Media  
seit 2007