

# WEDNESDAY, 7. OCTOBER 2015

## MACHINERYDAYS COLOGNE 2015

Director  
**DIPL.-ING. HANS-J. OSTERMANN**  
Moderation  
**REGDIR JOACHIM GEIß**

Maritim Hotel Köln

**08.30 - 09.30**

### WELCOME

**09.30 - 9.45**

### CONFERENCE OPENING

DIPL.-ING. HANS-J. OSTERMANN  
DR.-ING. BJÖRN OSTERMANN

**09.45 - 10.30**

+ 15min. Discussion

### RELATIONSHIP OF STANDARDS AND THE MACHINERY DIRECTIVE

Pierre PICART

- Transposing Annex I requirements into technical solutions for machinery
- Risk assessment as basis for a standard
- Standards and state of the art
- Presumption of conformity

**10.45 - 11.15**

### COFFEE BREAK

**11.15 - 12.00**

+ 15 min. Diskussion

### STATE OF THE ART

Prof. Dr. Anke Kahl

- Student's study "State of the art" - expert survey
- Legal definition
- How to determine the State of the art on the example of hazardous substances
- Reasons for the conception
- Implementation using practical examples

**12.15 - 13.45**

### LUNCH BREAK

**13.45 - 14.30**

+ 15 min. Discussion

### INTERFACES AND CONFLICTS BETWEEN EUROPEAN PRODUCT LAW AND NATIONAL CONSTRUCTION LAW

RA Götz Winter

- EU Construction Products Regulation vs. EU Machinery Directive
- Free movement of goods in the EU vs. national construction regulations
- Product law and work contract law

**14.45 - 15.30**

+ 15 min. Discussion

### IMPORTANT CHANGES OF MACHINERY AND PLANT

Dipl.-Ing. Hans-J. Ostermann

- European interpretation
- German national interpretation
- Approach to plants
- Employer's obligations

**15.45 - 16.15**

### COFFEE BREAK

**16.15 - 17.00**

+ 15 min. Discussion

### RESPONSIBILITIES IN THE MANUFACTURER / SUPPLY CHAIN

RA Carsten Laschet

- From components to the complete machine / plant
  - Partly completed machinery, complete machine, component, plant
  - Equipment: interchangeable equipment / tool
  - Harmonized / non-harmonised products
- Extended workbench
- Can I rely on suppliers and service providers?

End 1. Day ca. 17:30

Evening: You are invited to join:

Tour 1 „Cologne Street names from A – Z“

or

Tour 2 „The Rhine-harbour “

THURSDAY, 8. OCTOBER 2015  
**MACHINERYDAYS COLOGNE 2015**

Director  
**DIPL.-ING. HANS-J. OSTERMANN**

Moderation

**DIPL.-ING. DIRK MORITZ**

Maritim Hotel Köln

**09.00 - 9.45**

+ 15 min. Discussion

**GUARDS - THE NEW EN ISO 14120**

Dipl.-Ing. Otto Görnemann

- Reasons for the revision of ISO 14120
- New content
- Basic requirements for guards
- Selection of guards
- Verification and validation, test methods

**10.00 - 10.30**

**COFFEE BREAK**

**10.30 - 11.15**

+ 15 min. Discussion

**STATE OF THE ART IN THE CONFLICT OF STANDARDIZATION AND USER REQUIREMENTS**

Dipl.-Ing. Markus Husemann

- Selected examples from the areas of
  - packaging machinery
  - conveying machinery

**11.30 - 12.15**

+ 15 min. Discussion

**FIRE PROTECTION IN MACHINERY AND PLANT ENGINEERING**

Dr. Klaus Scheuermann

- Legal basics
- Comprehensive in-plant fire protection concept
- Combustion, smoke extraction, heat dissipation
- Machinery / industrial building – fire protection interface
- Examples

**12.30 - 14.00**

**LUNCH BREAK**

**14.00 - 14.40**

+ 15 min. Discussion

**PRODUCT SAFETY UNDER THE ASPECTS OF PREVENTION, PAIN, COSTS**

Michael Rehberg

- New development: a matter for the head
- Having one foot in the liability
- Risk assessment in the picture

**14.55 - 15.25**

**COFFEE BREAK**

**15.25 - 16.10**

+ 15 min. Discussion

**COLLABORATING ROBOTS ON THE RISE**

Dr.-Ing. Björn Ostermann

- Hand in hand with the colleague 'Robot'
- Economic and security gain?
- Compliance with the requirements of the machinery directive possible?
- State of the art / State of science and technology

Transition in

End circa. 17:00

**ENDING DISCUSSION**

Dipl.-Ing. Hans-J. Ostermann

Dr.-Ing. Björn Ostermann

Dipl.-Ing. Dirk Moritz

Dipl.-Ing. (FH) Ulrich Kessels

- Topical issues
- Your questions