

# The 2011 euRobotics Technology Transfer Award

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# The 2011 euRobotics Technology Transfer Award

- Established in 2002
- In recognition of:
  - technology transfer between robotics research & industry
  - outstanding innovations
- 6,000 € award by Eunited Robotics members:
  - ABB
  - COMAU
  - GÜDEL
  - KUKA Roboter
  - SCHUNK



# What is „Technology Transfer“?

“The process of converting scientific findings from research laboratories into useful products and processes by the commercial sector“. <http://www.ornl.gov>

## Three ways of tech-transfer:

- 1a The **lab/research group initiated** and **conducted** the **research**. A commercial partner had been identified to exploit the results.
  - 1b A “**Spin-off**” was created.
  - 2 A **company motivated the research** in a lab/research group. The company exploits the results.
- ➔ Besides **innovation** of research work its **economic impact** (or its economic potential) emphasized.

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## The Jury

1. *Rainer Bischoff (KUKA Labs)*; no vote tonight
2. Herman Bruyninckx (KU Leuven)
3. Martin Hägele (Fraunhofer IPA)
4. Roko Tschakarow (Schunk)
5. Stefan Sagert/Anne Wendel (EUnited Robotics)
6. Jon Agirre Ibarbia (Tecnalia)

## Response

12 applications  
5 applications selected as “**finalists**”

## Media

English press-release

# Basic rules for tonight

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## Finalist applications

- 15 min presentation, 5 min discussion
- Ceremony tonight

## Criteria:

- Value of the technology transfer / benefit to industry
  - Quality of innovation (technical / scientific progress)
  - Quality and extent of the technology transfer
- Creativity / Approach
- Quality of the overall presentation

# Five Finalists

Teams	Affiliation	Application-Short-Title
<b>Robert Riener</b> Manfred Kurland Rainer Burgkart	ETH and Hospital Balgrist, Zurich 3B Scientific GmbH, Hamburg Klinikum rechts der Isar, TU Munich	SIMone Robotic Birth Training Simulator
<b>Gerhard Schreck,</b> <b>Dragoljub Surdilovic</b> <b>Matthias Krinke</b>	Fraunhofer IPK, Berlin pi4_robotics GmbH, Berlin	WORKERBOT A Dual-Arm Robot to Lend Helping Hands to European Factories
<b>Maarja Kruusmaa</b> Heikki Haldre Alvo Aabloo	Tallinn University of Technology Fits.me Tartu University Institute of Technology	Fits.me Shape-changing robotic mannequin
<b>Ralf Koeppe</b> <b>Alin Albu-Schäffer</b>	KUKA Laboratories GmbH, Augsburg DLR – Institute of Robotics and Mechatronics, Oberpfaffenhofen	The KUKA-DLR Lightweight Robot – an advanced tool for robotics research, manufacturing and new applications
<b>Paolo Fiorini</b> Guido Monticello Massimo Morselli	University of Verona Surgica Robotica SpA, Verona Surgica Robotica SpA, Verona	Towards a seamless diagnosis intervention flow in surgery: the development of the surgical robot Surgenius