



COOPERATION OFFER

GENERAL DESCRIPTION

Title Cognitive Augmented Reality – Using AI on reference videos for Augmented Reality content creation

Summary

The company issuing this cooperation offer is a spin-off from the German Research Center for Artificial Intelligence and is located in Mannheim, Germany. The technology allows the extraction of digital process knowledge from a reference video. This process knowledge can be used as step-by-step instruction manuals or for image based error detection. The system is designed to learn new work processes and right/wrong configurations of machines. The content can be retrieved on smartphones, tablets or Smartglasses.

The company is looking for academic partners and application partners to further enhance the technology with new sensor equipment, new algorithmic approaches or new fields of application.

Description

The company offers a highly innovative product to the customers. Therefore the company is constantly searching for complementary technological innovations in the fields of computer vision, human-machine interfaces and innovations in the field of industry 4.0. A potential mutually beneficial outcome of a partnership would be an enhanced product with a widened field of application.

Advantages and Innovations

The technology saves time and the need for external tracking expertise in the content creation phase. Once the content is there, the systems provide step by step instructions alongside quality assurance measures. Therefore time and costs for training as well as error rates in production and services can be reduced.

Current Stage of Development*

- | | |
|---|---|
| <input type="checkbox"/> Under development /laboratory tested | <input type="checkbox"/> Field tested / evaluated |
| <input type="checkbox"/> Available for demonstration | <input checked="" type="checkbox"/> Prototype available for demonstration |
| <input checked="" type="checkbox"/> Already on the market | <input type="checkbox"/> Concept stage |

Comments Regarding Stage of Development:

The company has market-ready out of the box products as well as innovative products which are in the prototype phase

Intellectual Property Rights Status*:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Patent(s) applied for but not yet granted | <input checked="" type="checkbox"/> Secret know-how |
| <input type="checkbox"/> Granted patents | <input type="checkbox"/> Exclusive rights |



- Copyright Trade Marks
 Design rights Others (registered design, plant variety, etc.)

Comments Regarding IPR Status: (e.g. countries for which protection has been granted or applied for)
DE

Preferred Countries for Dissemination:
DE, CH, A, FR, but no limitations in general

DETAILS OF YOUR OWN ORGANISATION/COMPANY

Type* Industry R&D Institution University Private Inventor

Other: please specify

Comments:

Organisation/Company Size* (please tick one box) < 10 employees 11-50 employees
 51-250 employees 251-500 employees > 500 employees

Year Established:

Turnover (only for business profiles): < 1 mio 1 – 10 mio
 10 – 20 mio 20 – 50 mio 50 - 100 mio

Already Engaged in Trans-National Cooperation Yes No

Experience Comments:

Certification Standards:

Languages Spoken: DE, EN

COLLABORATION DETAILS

Type of partnership considered:

Technology Offers

- Commercial Agreement with technical assistance (an agreement arranging the acquisition of a product/technology paired with the provision of a number of services in support of a transfer of technology)
- Joint Venture Agreement
- License Agreement
- Technical co-operation agreement
- Research co-operation agreement

Business Offers

- Distribution services agreement
- Acquisition agreement



- Franchise agency agreement
- Manufacturing agreement
- Outsourcing agreement
- Subcontracting
- Financial agreement
- Services Agreement

Type and Role of Partner Sought*:

- Type of partner sought (*such as industry, academy, research organisation*):
Industry, academy, research organisation
- Specific area of activity of the partner (*example: manufacturer/distributor/user/disposal of plastic packages etc.*)
- Tasks to be performed by the partner sought: What expertise/ tasks do you expect from the partner?
 - a) Provide a business opportunity (as client/multiplier)
 - b) Provide a relevant technology (sensor equipment, knowledge management platform, I4.0, etc.)
 - c) Provide relevant research (computer vision, Industry 4.0 relevant technologies)

Size and Type of Partner Sought (e.g. industry, research): not limited

Additional information (pictures)

CONTACT

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