



CELTIC-NEXT

Innovate UK Summer

Briefing

20th August 2019, London

Pitch of the Project Proposal

Shadow Robot



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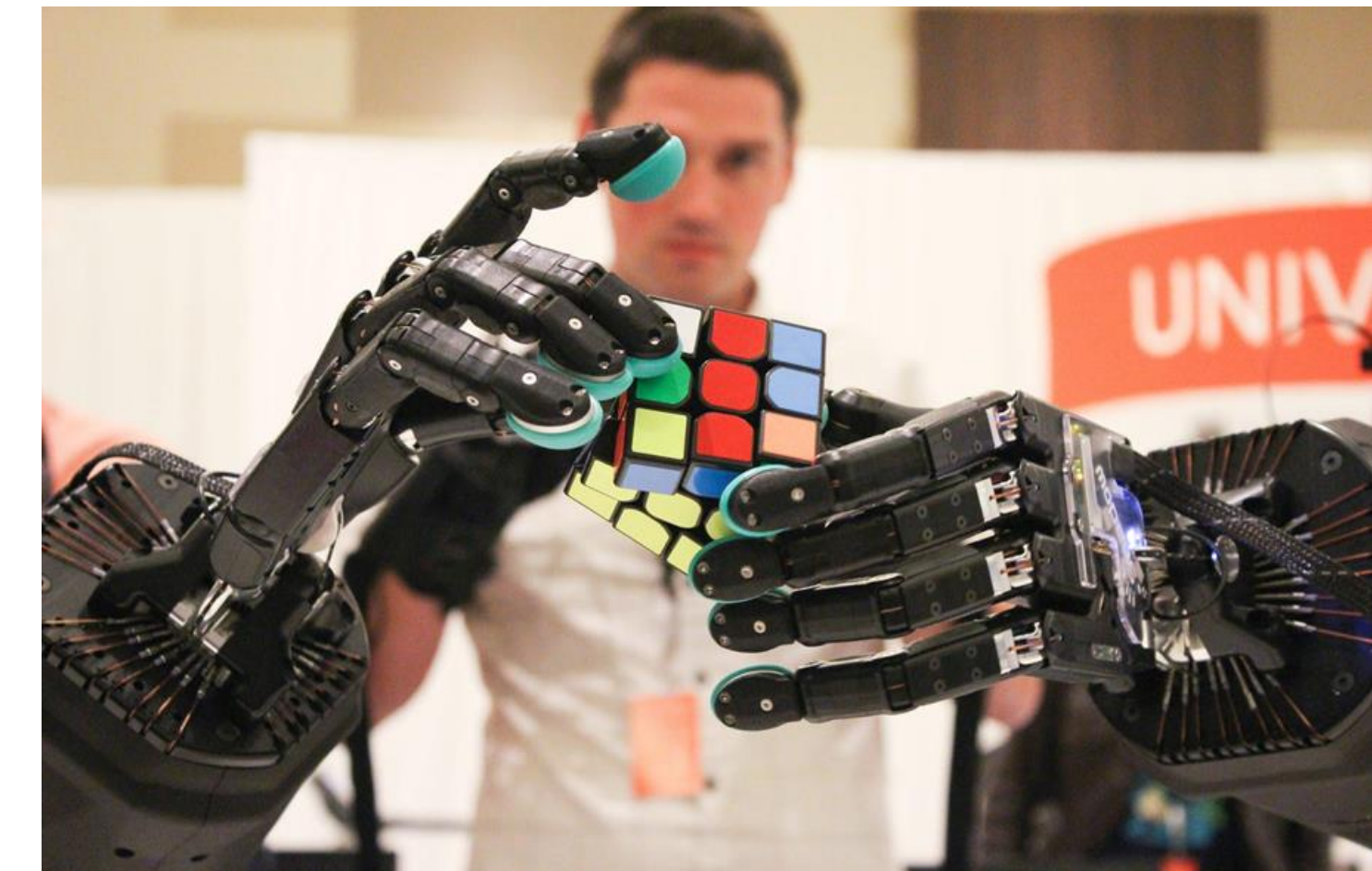


Shadow Teleoperation System



CELTIC-NEXT
Next Generation Telecommunications

Shadow teleoperation system is the forerunner of today's most advanced remote systems helping to transform work within radioactive environments by using human-like dexterous hands instead of human hands in glove boxes. The system has specifically been developed to create a pathway to raised safety standards and improved productivity.



*A really **revolutionary concept** by ANA airlines combining Shadow Robot's world-leading dexterous robotic hand with SynTouch's biomimetic tactile sensors and HaptX's realistic haptic feedback gloves.*



An interesting [video](#) for our **Tactile Telerobot**.

Shadow Robot Company

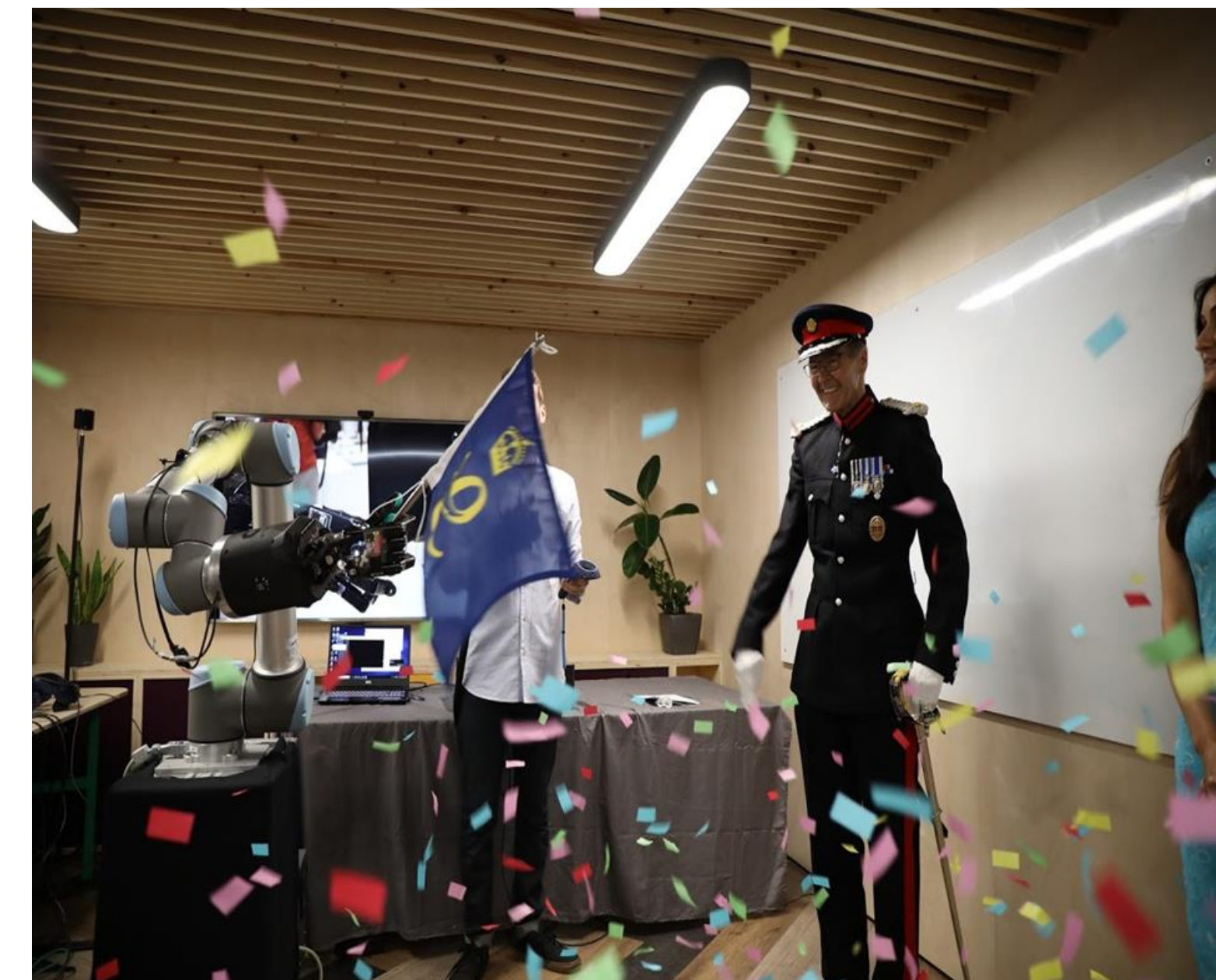


CELTIC-NEXT

Next Generation Telecommunications



- An SME, formally established in 1997 in London and we now have a subsidiary in Madrid
- Longest running robotics company in UK, experts in grasping and manipulation.
- Building and designing robot hands.
- 37 staff covering all BizDev processes, robotics hardware and software development.
- Significant internal and collaborative R&D.
- Global distribution and sales in research.
- Global network of collaborators and partners.
- Winners of the Queen's Award for Innovation.



Potential applications of the teleoperation system



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Market potential for the teleoperation system:

- Space
- Oil & Gas
- Pharma
- Manufacturing automation
- Inspection robotics
- Bomb disposal
- Deep sea engineering



Some of the benefits for extreme and hazardous environments:

- Human levels of dexterity at ZERO risk
- Safeguarding workers
- Cost savings
- Easing management anxiety and fear
- More operational time and increased productivity

We would like to work with:



- End users in nuclear, space, aerospace, oil & gas etc...
- Vision System providers
- AI/ML experts
- Mobile robots
- Tactile/Haptic sensing
- Other application technologies needed to solve challenging use cases
- Advanced robot arms for difficult spaces

We are looking to find a mutually beneficial collaboration where we can resolve challenges and provide innovative solutions for our partners while further enhancing our hardware and finding well-suited applications for our technology.

Contact Info



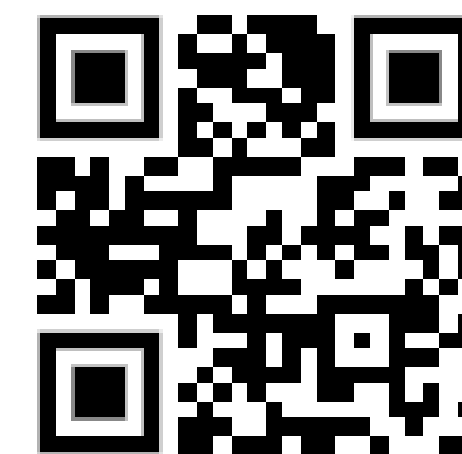
For more information and for interest to participate please contact:

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Presentation available via:
<http://tiny.cc/proposalidea>



Join the follow-up Telco 11 September 16-16.30 CET

Meeting number : 959 812 825

Meeting password: xJJE4tmU

Link to join:

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