イスラエル XR & AI セミナーin Osaka
参加予定企業一覧

	企業名	概要
1.	**2Sens** www.2Sens.co	**AR グラス・スマートフォン用のリアルタイム複合現実ソリューション** Mixed-Reality in real-time: 2Sens solution turns any device with dual-camera to a Mixed-Reality device. The solution allows to truly mix between the virtual content and the real world, including Occlusion and Interaction. All, while the real-world is dynamically changing. 2Sens real-time solution is applicable for both AR glasses and smartphones. 2Sens is a Computer Vision startup based in Tel-Aviv.
2.	**D-ID** www.d-id.com	**顔認識技術から個人情報を保護する AI ソリューション** As more systems adopt face recognition, if it's to unlock mobile devices, make payments or for any authentication purpose, the risk to privacy continues to grow. Organizations that handle images – corporations, governments and security agencies – face new challenges of new regulatory requirements, growing privacy concerns and sensitive security Issues. D-ID's groundbreaking technology produces images that are unrecognizable to face recognition algorithms, while keeping them similar to the human eye and it is designed to be difficult for an AI to overcome. Faces have become our digital identifiers. They must be protected because unlike passwords you cannot change your face. At the meeting point of deep learning and privacy, the company's interdisciplinary group was co-founded by Israeli Defense Forces veterans from Special Forces and 8200. The company's interdisciplinary engineering team holds Ph.D. and M.Sc. degrees in mathematics, computer vision, computational photography and AI.
3.	**Qlone** www.qlone.pro/	**AR/VR コンテンツ制作、e コマース用 3D 展示などの完全なツール** We have made it easy and fast to 3D scan real objects, using your phone's camera, modify them in app and seamlessly export the result to many platforms, 3D file formats and 3D printers… all on your iPhone or iPad. With almost a million downloads, Qlone is considered to be the easiest and most cost effective way for 3D content creation. A perfect tool for AR/VR (Augmented Reality) content creation, 3D Printing, STEM Education, eCommerce showcase and many other uses.
4.	**Sixdof Space** www.sixdof.space/	**標準的な室内光を使用した超高速光学追跡システム** Sixdof Space has created a bold, new optical tracking technology paradigm that offers the long-awaited breakthrough in both speed and accuracy. We combine optics, electronics and algorithms in a single package for deployment in products currently in development in multiple industries – with an initial market focus on the VR market. Our installation-free technology leverages existing room lights, without modification, to serve as location beacons. Embedded in any manufacturer's existing hardware, our products will report accurate position at a very high speed, to any host system – be it a VR headset or other mass-market product. This patent-pending approach yields a product with the unique and sought-after combination of low-cost, low power, and a game-changing latency as low as 1ms, with fresh data supplied at each cycle.

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5.	**Spectalix** www.spectalix.com	**シンプルな 2D カメラ機器を使った動画の背景をリアルタイムで変更、人や物体を分割する深層学習アルゴリズム** SPECTALIX has developed a highly intelligent deep-learning algorithm for video object segmentation and background replacement, which works on common mobile and digital cameras. The core of its technology is a perfected, super-compact neural network, which recognizes multiple people and other moving objects from every angle, position or activity and replaces the background with any chosen image or video. The process can be done in real-time, while shooting a video or during editing of a pre-recorded video clip. Spectalix's disruptive technology allows users to change background while shooting selfies and social content, place a moving object in a different scene while editing its position and size, and also place multiple characters in the same virtual space (for video conferencing and future gaming purposes). Spectalix's turns video background replacement to be simple, cheap, and easy to use by anyone, anywhere.
6.	**Techsee** www.techsee.me/	**電子機器用 AI・AR を活用したビジュアル顧客アシスタンス** TechSee transforms CX in consumer electronics industry with its visual customer assistance solution powered by AI and Augmented Reality. TechSee's cognitive visual platform applies deep learning computer vision AI which learns from every customer interaction, automating customer service processes over time. Customers receive visual guidance in either agent-assisted service or self-service modes. Using their smartphone cameras, customers transmit images and videos of their devices and service issues for immediate assistance with retail sales, quality checks, troubleshooting, maintenance, warranty verification and operational guidance. TechSee has delivered proven ROI across dozens of implementations in contact centers and field services of Tier-1 manufacturers of home appliances, white appliances, and smart home device companies around the world, including Samsung, Philips, Nespresso and Lavazza. These enterprises have reported marked improvement in NFF returns, tech dispatches and NPS customer satisfaction, allowing them to help consumers more easily integrate electronic device into their everyday lives.
7.	**The Elegant Monkeys** www.kenko.tech	**生理学的センサーデータを客観的な精神的負荷の測定値に変換する AI 技術**Measurable digitized emotional data is an enabler for effective emotion- regulation solutions and products. Using AI, we provide an API/SDK to consumer electronics (wearables) and biometric sensor tech companies. Our proven algorithm anonymously translates physiological data to an objective emotional load measurement. With our technology you can use already collected physiological datafor more than just activity and fitness tracking. Based on this technology, our business customers can also provide a wide range of emotion-aware applications, solutions and services for improving people's health, wellbeing, mood and productivity. We have built our technology based on our huge proprietary database of more than 1 Billion samples throughout 1,680 experiments in Japan, Germany and Israel. Our ongoing data collection infrastructure enables us to develop deep learning and fine-tune the algorithm performance and accuracy beyond the current market capability.

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8.	**Triplecyberness** www.triplecyberness.com/	**VR グラスを使用したサイバー攻撃トレーニング** Triple C was founded by Edri Ronen. The company develops interactive lesson plans and guides and leads a new. In the last two years we developed VR Cyber experience - a cyber awareness program using virtual reality glasses. 100 % engagement 100 % experiential 100 % hands on At the end of the training, all the statistics and results become a tool for learning to improve and investigate employees' awareness of cyber. Our combination of interactive training includes seeing, doing, and discussing. Findings demonstrate that interactive methods of training bring the highest learning gains and retention.
9.	**Vayyar Imaging** www.vayyar.com	**物体や液体を透視し高度なイメージングやモニタリングを可能にする 3D イメージングセンサー** Vayyar has developed the world's most advanced 3D imaging sensor. The sensors can see THROUGH objects, and track everything happening around you in real-time without a camera. They are being used by Fortune 500 companies in, smart home, elderly care, automotive, retail, robotics, manufacturing and medical to transform business. Unlike traditional 3D imaging systems that map the contour of objects and entities, Vayyar's revolutionary 3D imaging technology, penetrates through materials. Leveraging this technology, Vayyar started with the vision to develop a new modality for breast cancer detection by using RF to quickly and affordably look into human tissue to detect malignant growths. On realizing that this same technology, could be tailored to open up new capabilities in a variety of industries, Vayyar widened its application scope to include healthcare, construction, smart homes, elderly care, robotics, security, automotive, agriculture and more.
10.	**Wearable Devices Ltd** www.wearabledevices.co.il	**わずかな指の動きでデジタル機器の無線コントロール可能にするジェスチャー認識ウェアラブル** Wearable Devices develops the future interface interaction for digital devices. Our vision is transforming interaction and control to be as natural and intuitive as real-life experiences. Our cutting-edge technology includes deep learning algorithms combined with convoluted neural networks running real time on mobile or desktop, miniaturized electronics and a small and elegant form factor. Mudra is a wrist-worn gesture recognition device which enables the user to control devices wirelessly by subtle finger movements. Discrete gestures such as individual finger movement - index finger, thumb finger, the soft tap of the middle finger on the thumb, etc., which are used as functions - select, scroll up/down, go back. Continuous fingertip pressure applied between fingers is used for drag and drop, zoom-in/out, flip and rotate holograms. Fingertip pressure gradations can be used for health monitoring and sports analytics applications. Mudra extends the user experience beyond hand controllers or gesture recognition cameras. It allows AR users hands free natural interaction regardless of light conditions or field of view limitations. VR players enjoy real-life immersive experiences where the fingers are free to reach out to hold and grab with no external setup required. Mudra can control any connected device. Order at www.getmudra.com