

Press
release

Montpellier (France), December 3, 2018 - 5:45 pm CET

Intrasense rewards innovation in medical imaging and Artificial Intelligence through the « Myrian Studio Challenge »

Award ceremony at RSNA 2018 congress

Intrasense (FR0011179886 - ALINS), specialist in medical imaging software solutions and creator of Myrian®, announced the results of its « [Myrian® Studio Challenge 2018](#) » that rewards and supports startups and researchers conducting particularly innovative imaging projects, at RSNA, the medical imaging world congress, led in Chicago (USA) from November 25-30.

Promoting innovation with Myrian® Studio

Through this initiative launched by Intrasense in October 2018, the company encourages innovation development in medical imaging and will support the three winners to industrialize and commercialize their project very quickly, based on the Myrian® platform. Beyond the [Myrian® Studio](#) tools, facilitating integration of applications into healthcare information systems, Intrasense offers the winners of 2018 Challenge a strong go-to-market support and international visibility (tradeshows, press, network, etc.).

1st Prize: DESKi, deep learning serving neurology

The « Myrian® Studio Challenge » jury rewarded at RSNA the project presented by the startup [DESKi](#), for its software application *DeepStroke*. Based on deep learning, *DeepStroke* enables automatic and reliable segmentation of acute infarcts from diffusion magnetic resonance imaging (MRI) for stroke patient.

The winning project is the fruit of a cooperation between DESKi, the University of Bordeaux, the Neurocentre Magendie and the Medical University Hospital of Bordeaux, one of the most prestigious French university hospitals. This project has been granted by the Nouvelle Aquitaine region and the Research National Agency, via the LabEx Trail prize and supported by Aquitaine science transfer.

« We are very happy to receive this award that highlights our project, conducted in partnership with the Neurocentre Magendie and the Medical University Hospital of Bordeaux. » Bertrand Moal, President and co-founder of DESKi, comments.

Myrian® Studio Challenge 2018



Intrasense, with its Myrian® platform, has a unique position to support us to industrialize and bring very quickly and operationally our solution to market. »

The Pune University (India) and INSERM (France) also honored

The winner for second prize is Gunjan Naik, PhD student from Technology department of the Pune University, one of the 5 major universities in India. This project includes the development of an automated segmentation method for a region of interest, based on deep learning and led in collaboration with technical experts from [Persistent Systems Ltd.](#) By minimizing human interaction, it will make clinician save precious time and make it more reliable.

The OncoThAI research laboratory (Inserm, Medical University Hospital of Lille and Lille University - France) has been rewarded the third prize, with a software for photodynamic therapy planification in neurosurgery, dedicated to brain cancer treatment, glioblastoma. This innovative approach will offer a new minimally invasive therapeutic modality to people who cannot be operated.

« Myrian® Studio is an excellent development tool for innovation to lead it to industrialization. The international success of « Myrian Studio Challenge » has proven once more appeal of this development tool. » comments Frédéric HENAFF, Product and Marketing Director at Intrasense.

About Intrasense

Founded in 2004, Intrasense develops and markets a unique medical device called Myrian®, a software platform that facilitates diagnosis, decision-making and therapeutic follow-up and makes them more secure. Thanks to Myrian®, more than 800 health institutions spread over 40 countries use a unique and integrated platform supporting all types of imaging modalities (MRI, scanner, etc.). Enriched with expert clinical modules dedicated to specific pathologies, Myrian® also provides a universal image treatment solution that can be fully integrated in any health information system. Intrasense includes 40 employees, among whom 20 are dedicated to Research & Development. Intrasense has been labelled 'innovative company' by the BPI and has invested more than 10 million euros in Research & Development since its creation. For more information, please visit www.intrasense.fr.

About DESKi

DESKi, which means « learn » in Breton, is a start-up based in Bordeaux (France), created in January 2016, combining medical expertise and artificial intelligence algorithms mastery. The company aims at developing fast, reliable and automatic medical imaging analysis tools, providing expert analysis to a broad medial community. DESKi has in particular elaborated unique solutions in Deep Learning on several clinical applications, from spine surgery planning to cardiac diagnosis to echography, not to mention segmentation of infarcts from MRI. For more information, please visit www.deski.io.

Myrian®
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