



# Nikon Microscope Solutions Roadshow – NSPARC and DeepSIM

## NSPARC super-resolution detector for Nikon AxR confocal and DeepSIM structured illumination module

<b>Date:</b>	Thursday April 20th 2023
<b>Place:</b>	Starling Hotel Lausanne, Route Cantonale 31, 1025 Sain-Sulpice
<b>Schedule:</b>	<p>9:00 : Welcome with coffee &amp; croissant</p> <p>9:30 : Introduction to our new technologies &amp; instruments</p> <p>12:00 : We invite you for lunch</p> <p>13:30 : Demonstration of NSPARC</p> <p>16:00 : Coffee, open discussion &amp; end</p>

**Places are limited and dependent on availability.**  
Please register before April 6th by email to [instruments.ch@nikon.com](mailto:instruments.ch@nikon.com).

### Program:

#### NSPARC:

The newly developed Nikon Spatial Array Confocal (NSPARC) detector utilizes an ultra-low noise detector array to collect a two-dimensional image at each scanned point, improving signal-to-noise ratio by increasing the available signal level while simultaneously allowing imaging with lower excitation power.



#### DeepSIM:

Based on a multi-spot structured illumination system, the DeepSIM is a reliable, simple to use and affordable solution to study cellular structures up to an XY resolution of ~100nm.



The iLas 2 TIRF/FRAP platform is a unique multi-application device that offers several modalities to your microscope

#### Workshop:

On Friday 21st and Monday 24th of April, interested users can book a 2h slot to our NSPARC demo unit located at AGORA, Rue du Bugnon 25a, 1005, Lausanne. Please notify us in advance if you are interested on your preferred day, or talk to us during the roadshow to book a slot. Please note that slots are limited and dependent on availability.

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