

## OMIA - Ophthalmic Medical Image Analysis

Every month, Computer Vision News reviews a **challenge** related to our field. If you do not take part in challenges, but are interested to know the new methods proposed by the scientific community to solve them, this section is for you. This month we dedicate this space to the OMIA workshop and challenge, organized as a satellite event of [MICCAI 2017](#) in Quebec City, Canada. More about it [here](#).

The **OMIA workshop** is a mini-conference, one of the satellite events of **MICCAI 2017**, taking place on **September 14 in Quebec City, Canada**.

It is entirely dedicated to ophthalmic images, which is medical image analysis of images of the eye. That means the retina, cornea, conjunctiva, and all other parts.

This year we can expect a very interesting event, because for the first time in many years, there aren't only presentations, but also a **competition**: The OMIA workshop is organized together with the **OMIA challenge, called ReTOUCH - the Retinal OCT Fluid Challenge**. This happened only once before, several years ago, when it was organized by the **Iowa** group, led by **Michael Abramoff**. It is exciting that after all this time, the community is

coming together again around a software challenge.

This first ReTOUCH challenge is about OCT images and, like every challenge, it is organized around submitting software and there are some specific criteria for deciding which the best performing software will be.

The first goal of OMIA is to bring the community together. So, to provide a forum for technical discussion to the community developing software for medical image analysis, specializing on the eye.

The second goal, embodied by ReTOUCH, is to move towards a better assessment and comparison of software doing the same thing in producing pieces around the world. Validation is a crucial aspect, which is not confined only to eye image analysis

### 4th MICCAI Workshop on Ophthalmic Medical Image Analysis

