



Prof. R. Wattenhofer

Automatic Generation of Highlight Reels

There is so much information nowadays that we heavily rely on summaries to keep up to date. For example, there is no way we can watch every football or basketball game that aired on the weekend. Thus, we might watch short highlight reels. However, these short clips are also created by humans and require a lot of manual effort.

It would be great if we could assist journalists and commentators by providing a way to automatically create highlight reels. The experts then only have to add commentary! In this thesis we want to create highlight reels from videos automatically. The application to sports games is very natural, but other areas could be explored as well. If you find this interesting, please do not hesitate to contact us.

Requirements: Knowledge in Machine and/or Deep Learning. Implementation experience is an advantage.



The Highlight Reel

Interested? Please contact us for more details!

Contacts

- Gino Brunner: brunnegi@ethz.ch, ETZ G63
- Yuyi Wang: yuwang@ethz.ch, ETZ 94