Lotfi Zadeh, the 2018 Flagship Conference, and Code Ocean

More information on SMC 2018 can be found at http://www.smc2018.org. For the Workshop on Brain–Machine Interface (BMI) Systems, with the BMI Hackathon and the International Brain Initiative Meeting, see [2]. This year, we also have the Workshop on Symbiotic Autonomous Systems Initiative. I look forward to seeing you all in Miyazaki.

At the panel, I learned that the IEEE partnered in March 2018 with Code Ocean, a cloud-based computational reproducibility platform that enables researchers to upload, run, and publish code without having to install anything on their computer. Code Ocean’s mission is to make scientific code more reusable, executable, and reproducible. The service provides researchers and developers with an easy way to discover, share, and run code published in academic journals and conferences. Such code access reduces entry barriers for users who wish to reanalyze and reproduce research. The platform supports programming languages such as C/C++, Fortran, Java, Julia, Lua, MATLAB, Octave, Perl, Python, and any programming language available on Linux. Users do not need an account to view or download published code, data, or results. But by signing up, you can run or augment published code or upload, run, and publish your own.

As an author, simply upload code to Code Ocean, linking it to your IEEE Xplore article once it is published. For information on how to upload and run algorithms in Code Ocean, please visit https://codeocean.com/learn. The ownership of the content remains with the author, who can choose under what license to publish the code so other users know how they can and cannot use it [3]. I believe that Code Ocean will contribute immensely to allowing us to judge and gauge where our own work stands relative to the existing and prior state of the art. Progress is being made in meeting the demands and challenges of our areas of technology.

References