The 16th edition of the IFIP WG 1.3 International Workshop on Coalgebraic Methods in Computer Science (CMCS 2022) took place in Munich on Saturday April 2 and Sunday April 3, 2022, as a satellite event of the European Joint Conference on Theory and Practice of Software (ETAPS 2022). As chairs of the workshop, it was a great pleasure for us to run the workshop as an on-site event after a long hiatus due to the COVID pandemic. The workshop was, in fact, a hybrid event, allowing both speakers and registered participants to participate remotely, but in-person participation was strongly encouraged, partly through ETAPS registration fees being the same for online and on-site participation. Up until just a few weeks before the workshop, the COVID situation in Munich was still quite uncertain, and we did not know how many people would attend on-site or at all, so we were extremely happy to find that the majority of speakers and participants chose to travel to the event, which ensured a lively and engaging atmosphere. The workshop had circa 40 participants of which 5 participated online (with an attendance of 20-30 throughout the sessions). This made CMCS the second-largest workshop at ETAPS 2022. The hybrid setup did pose some technical challenges, but it was much appreciated, and without the option of presenting on-line at least three of the talks would have had to be cancelled. A hybrid format will be considered also for future editions of the workshop.

The workshop programme featured one keynote talk by Ana Sokolova (University of Salzburg) on coalgebraic trace semantics, and two invited talks, one by Renato Neves (University of Minho & INESC-TEC) on coalgebra and hybrid systems, and one by Sam Staton (University of Oxford) on coalgebraic methods in probabilistic programming. Following the tradition that started in 2014, the workshop featured a special session on a topic that highlights the potential for coalgebraic methods in neighboring areas. This year the special session was on data languages and consisted of two invited tutorials by Sławomir Lasota (University of Warsaw) and Mahsa Shirmohammadi (CNRS & University of Paris). Along with the invited talks, the workshop included 19 contributed talks, of which 9 were presenting original work included in the workshop post-proceedings, and 10 were presenting published or ongoing work of relevance for the coalgebra community. We believe the trend of an even distribution between long and short contributions is welcome; it gives a home to specialised work on coalgebra theory, as well as offering an expert audience to work placed in a different research area, which make use (or plan to make use) of coalgebraic methods. This ‘double track’ will help CMCS maintain its successful tradition in the long term, and foster its interaction with more recently born events in related research areas, such as the conference Applied Category Theory. The full programme, including abstracts and slides, is available at https://www.coalg.org/cmcs22/.

Last but not least, we wish to thank all the speakers and the participants for making CMCS 2022 a stimulating and engaging meeting, the steering committee and the ETAPS organisers, for their guidance in the organisation process, and the programme committee members, for the tremendous work they have put into providing high-quality feedback to the authors of the submissions.
Fig. 1. CMCS 2022 photos from sessions.

Fig. 2. CMCS 2022 photos from breaks.