

DYALOG

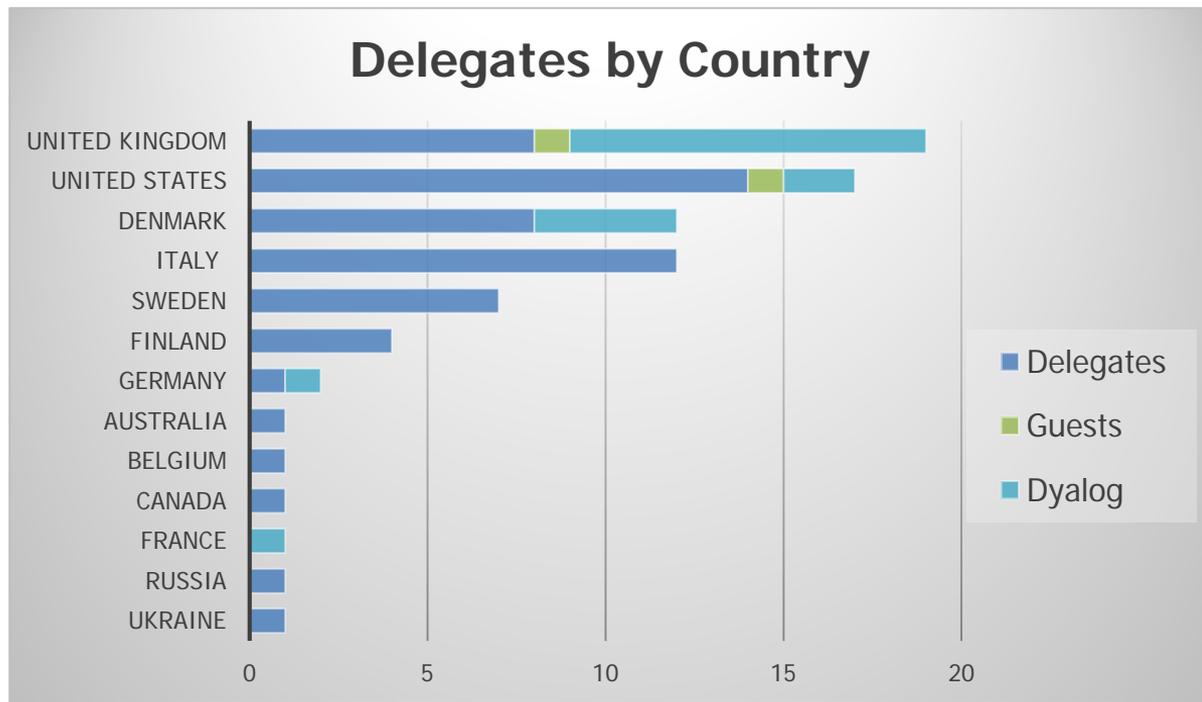
Elsinore 2019



Welcome to Dyalog'19

Gitte Christensen, Dyalog Ltd

Welcome to 79 participants from 13 countries



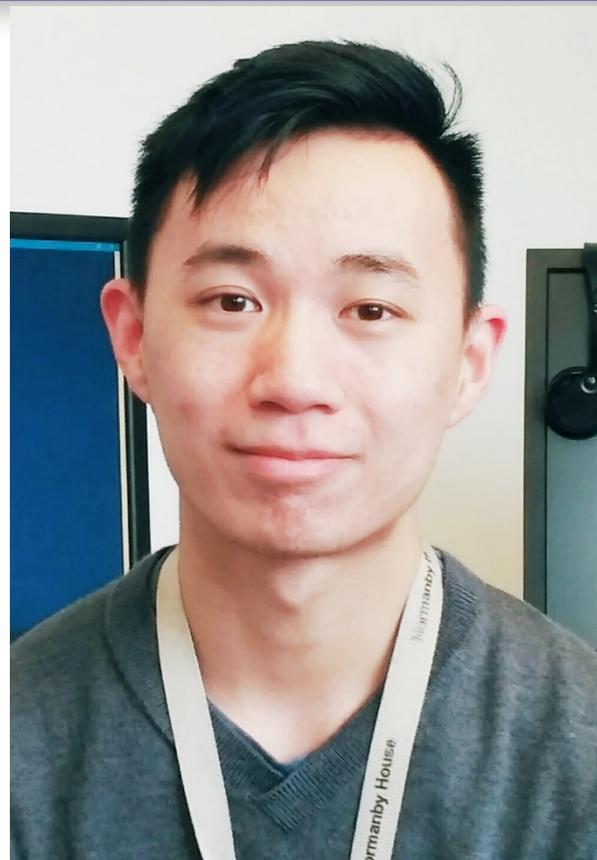
18 From Dyalog

17 First timers



Competition winner

🟠 Jamin Wu



Competition winner – non-student

- Torsten Grust



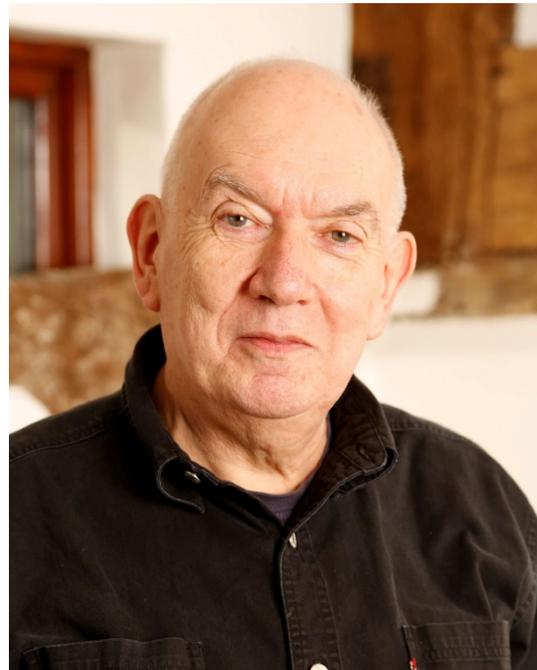
There are some we are going to miss ...

- Harriett Neville was signed up for Dyalog 19 but sadly passed away on August 23rd most unexpectedly
- Harriett had a long carrier in APL starting at I.P. Sharp Associates in the late seventies.
- <https://www.anthonychapels.com/obituaries/Harriett-Hoopee-Neville/#!/Obituary>



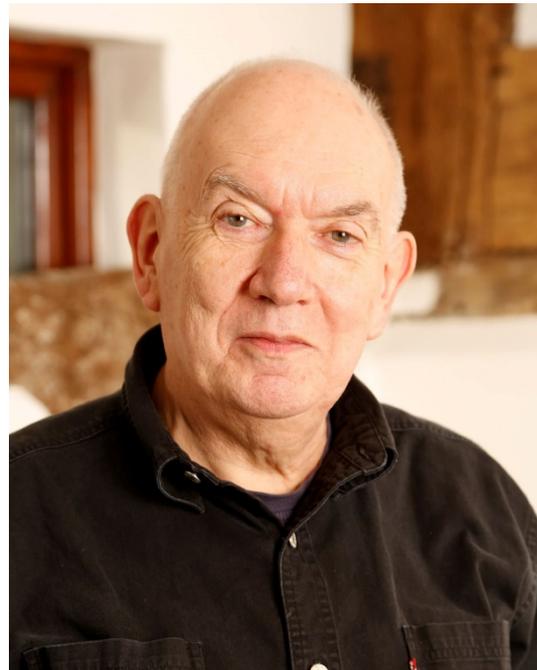
There are some we are going to miss ...

- ◆ We lost our our beloved Genius, Gentleman and Mischievous Schoolboy John Scholes who passed away on February 18th.
- ◆ John was one of the original implementors of Dyalog APL and he kept in his own words, trying to finish it to the very end.



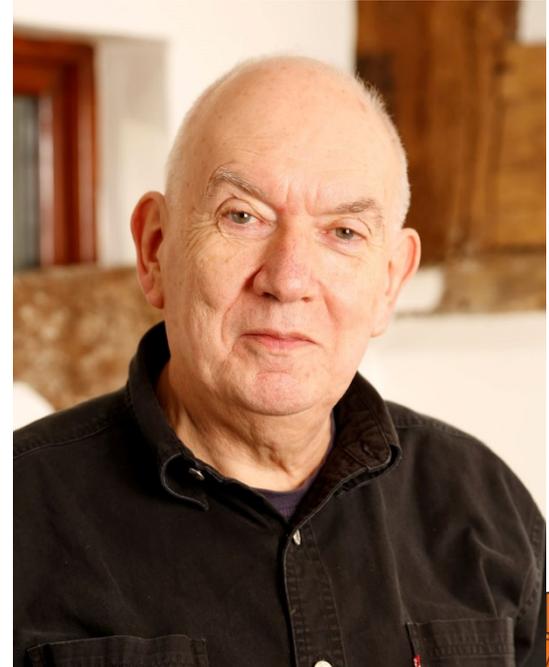
There are some we are going to miss ...

- John was the creator of dfns bridging his first love, APL, with the second love, FP.
- John was also an excellent teacher and mentor for the younger members of our team.
- and he was a brilliant producer of small APL-demos for the web. John's game of life now has 189K views



There are some we are going to miss ...

- There is a memorial page for John at <http://johnscholes.rip>
- Under the video section you can revisit his youtube productions not least the humorous *"Social skills for programmers"* or *"Eds hardware store"* that both had us all in tears of laughter when he presented them.



- - and speaking of Hammers



Thors Hammer - Mjølner

- ◆ In Norse mythology, cosmos and chaos were called, respectively, *innangard* and *utangard*.
- ◆ Asgard, the homeworld of the gods, and Midgard, the homeworld of humanity, were seen as being *innangard*, a cosmos, while the giants and their world were seen as being *utangard*, chaos.



Thors Hammer - Mjølner

- Thor is the God controlling the forces of nature. When he drives his cart over the heavens thunder and lightning strikes and he also controls the rain and the fertility of the land.
- Using his hammer, Mjølner, the most powerful weapon in Asgard, Thor is fighting a constant battle against chaos and the giants. The hammer always hits its target and always returns to its owner.
- The hammer is also used in ceremonies such as weddings and name-givings.



Thors Hammer - Mjølner

- When something or someone was consecrated with Thor's hammer, it (or he or she) was taken from the realm of chaos and absorbed into the cosmos. It was protected from the ill effects of chaos and its denizens, and sanctified and sanctioned by the social order and its divine models.



Thors Hammer - Mjølner

- The give-aways this year
 - BAG - Made from 70% recycled 6.5oz cotton and 30% PET (recycled plastic bottles)
 - TRAVEL CUP - Made from 50% bamboo fibre
 - T-SHIRT - Made from 100% organic combed ring-spun cotton.
- Are all eco friendly – better to keep on the safe side of Thors hammer 😊



Unregistered APL

- After the user meeting we will make Dyalog APL available for unregistered non-commercial use
- We have previously made an “annoying” version available unregistered, but this one will be identical to the commercial and the registered non-commercial versions, with one exception



Unregistered APL

- ◆ Dyalog version 17.1 will display a message in the session explaining the conditions of the license – whether it is unregistered or non-commercial.
- ◆ The License number will be displayed on all licenses – also the commercial licenses.
- ◆ Please contact us if you believe you are seeing the wrong message



Spreading the gospel

- ◆ We are seeing a growing interest in APL amongst young people
- ◆ The fact that Dyalog APL is commercial means that a lot of them immediately lose interest again
- ◆ We have not been able to find a viable business model for an open source Dyalog APL for two reasons:



Why not open source

- The necessary consistency of an APL interpreter means that an open source approach will most likely be counter productive
- Contributions to the tool chain and libraries targeting specific problem areas written in APL are a different matter



Why not open source

- We care about people
- We believe that software development is an honourable profession and that developers should be working normal hours and be paid a decent salary



Why not open source

- We do offer a fair pricing model where
 - Entrepreneurs can test ideas without paying any fees
 - Only at the point where the development results in income for the license holder do we require a fee for Dyalog APL – and the standard fee would be 2% of the income generated



Spreading the gospel

- We hope you will help us spread the word
- The Viking challenge this year is directed at this so please join us in this endeavour
- There is no strenuous exercises – only fun and creative teamwork
- Meet up here
Wednesday at 13:00



One final thing

- ◆ Tonight at 20:00 is the APL Team challenge managed by Roberto Minervini and his three students
- ◆ You might start thinking about teams now – the Viking challenge will be in teams symbolised by the animals on your badges, so that would be an easy choice 😊



Welcome

- I hope you will enjoy Dyalog'19!

- and now over to Morten

