



40th Anniversary Messages

"I have fond memories of visiting NAG early in my career at the old central office on the Banbury Road. Meeting with friendly people, having fascinating discussions both about software and about numerical/scientific programming (not at all the same topic). The move to the new quarters (more sterile = neater and flatter) was a big plus also - coincident with a shifting role from a central coordinating group to a broad producers in scientific computing. What did not change was the quality and passion of the people and their drive to make the life of scientists better, and to take advantage of the newest and best results in the math software field.

My own interests are quite broad - I've worked in compilers, helped numerical analysts, done some scientific computing and kubitized a lot more of it, plus touched on many other areas of the computing sciences. Visits to NAG and membership on the Technical Policy Committee helped form my own views of the evolving computing landscape and the key roles of an expert community and specialized company in the global ecosystem. High points included speaking at the AGM (and investing my pound sterling), many happy dinners chez Ford, and great meetings of the TPC and long involvements with many of the NAG staff as well as members of the core NAG world

My own involvement originally focused on my interest in Fortran and in my own astrophysics research; this expanded over the years to general interests in arithmetic and algebra. As I moved into other areas of computing, it was very useful to

reference the needs of the classic scientific community. I was recently a member of the panel of a major review of the UK's e-science program. Many of the issues we have discussed over the years were implicit in projects we saw. I am now at Google, with computational resources of a different sort but also of a magnitude I did not imagine 30+ years ago. Yet many of the old problems of reliable computing at scale remain.”

Stuart Feldman, Vice-President, Engineering, Google

“Wishing NAG a happy anniversary – I find that the NAG Library makes it easy to solve complex operational research problems on multiple computer platforms. It provides a bed-rock for the most sophisticated models, including the best large sparse matrix solvers that I know”.

Andrew Koh, Research Fellow, Institute for Transport Studies, University of Leeds

“NAG and Intel have enjoyed a productive working relationship over the last 15 years leading to high-quality high performance numerical libraries. Our Intel® Math Kernel Library (MKL) team is delighted to congratulate NAG on their 40th birthday and offer our best wishes for the future.”

James Reinders, Intel Director, Software Development Products

“I wish NAG a happy 40th Anniversary.’ ‘Having worked with NAG for many years, I find the their ethos consistently results in the highest quality, accurate algorithms both for special purposes and for the extremely comprehensive set of advanced library routines that provide the base for many essential

applications. I look forward to many further years of fruitful collaboration. 'Weiter so!'"

Professor Uwe Naumann, Head of Software and Tools for Computational Engineering Group, RWTH Aachen University

"AMD has collaborated with NAG for nearly 10 years. With NAG's solid understanding of computer math and broad experience in the high performance computing industry, together we've built the AMD Core Math Library (ACML) into a widely used product recognized for quality, accuracy, and performance."

Frank Gorishek, Director of Applications and Infrastructure, AMD

"Cray and the Numerical Algorithms Group have enjoyed a long and fruitful relationship for many years, and we sincerely extend our congratulations to the organization, and to its employees, in honor of its 40th birthday. NAG's company ethos as a not-for-profit organization paired with its management focus on core skills have been the keys to its successful longevity in an often hostile and unforgiving marketplace. We look forward to many more years of ongoing collaboration and we wish the NAG team nothing but the best in the future."

Peter Ungaro, President and CEO, Cray

"May I wish the Numerical Algorithms Group a happy 40th Anniversary. My own recent experience has been that NAG's numerical routines are thoroughly documented and easy to call from the Maple environment. For one of my own particular

finance optimization needs, NAG proved more flexible and more valid than some of the routines provided with general purpose maths applications.”

Professor Eliezer Z. Prisman, Director of the Financial Engineering Program, Schulich School of Business, York University, Toronto

“Fujitsu would like to congratulate NAG on the occasion of its 40th birthday. Fujitsu and NAG have enjoyed an excellent collaborative relationship over many years to support our joint customers. We have always found NAG's software to be of high quality and their approach to be very professional.”

Dr Okuda, Executive Architect, Technical Computing Solutions Unit, FUJITSU LIMITED

“Congratulations to NAG on its 40th birthday. NAG has had a resounding reputation for numerical excellence and innovation throughout its 40 year history. NAG’s software is an excellent complement to Intel’s Xeon processors in HPC solutions, which is why Intel and NAG have worked closely together in the past. We look forward to seeing NAG take advantage of the new architectural enhancements Intel is making to the Xeon processor family in the coming years.”

Richard Dracott, General Manager, High Performance Computing Organization, Digital Enterprise Group, Intel

“On behalf of SAP I want to wish NAG another 40 years of continued success. NAG has been very successful in the global

marketplace and boasts customers that are among the best names in finance, engineering, oil prospecting, scientific research, chip design and software. We are very pleased to have NAG as a client of SAP and we are confident that NAG's investment in SAP Business ByDesign will help fuel its future growth. We value the partnership that we have established and look forward to a long and mutually beneficial relationship."

Mark Oakey, Global Vice President of Sales for SAP Business ByDesign

'We wish NAG a happy 40th birthday. NEC and NAG have enjoyed many years working together serving our joint customers.'

Fumihiko Hisamitsu, General Manager, HPC Division, NEC

NAG's is to be congratulated on reaching its 40th year - a remarkable achievement given the many changes in numerical software, and the underlying hardware, over this period. NAG has maintained its position as a world leader in the development and distribution of numerical software by providing reliable implementations of the best numerical algorithms, with regular updates of the algorithms and inclusion of new ones as the state of the art advances. Manchester was one of the founding university partners of NAG, so it is particularly appropriate that collaborations between NAG and The University of Manchester are going from strength to strength, facilitated by the presence of the new NAG Manchester office.

Nicholas J. Higham, FRS, Richardson Professor of Applied Mathematics, Director of Research School of Mathematics, The University of Manchester

'I would like to add our best wishes on NAG's 40th anniversary. Orbis currently call NAG routines from the Microsoft .NET environment, using desktops and more powerful computers. NAG provide trustworthy building blocks for our business computing, while their collaborative approach makes it a pleasure to work with them.'

Roger Sylvester, Investment Analyst, Orbis Investment Advisory Ltd