Dear GAP Members,

Spring is in the air as we head into the final weeks of the second semester. I know it is a busy time for you all, but I hope you'll have a few minutes to peruse this current edition of our bi-annual newsletter, including highlights from the past six months.

I'd particularly like to draw your attention to our free, virtual **GAP Workshop taking place on June 21** (details below). We have a great line-up of GAP members slated to give presentations. I hope you can attend!

- **Welcome to the 11 new university members that have joined GAP** since October 2021. New members include:
  - Hochschule RheinMain, Wiesbaden, Hesse, Germany
  - University of Palermo, Palermo, Italy
  - University of Padua, Padua, Italy
  - Brunel University, Uxbridge, Middlesex, United Kingdom
  - Columbia University, New York, New York, United States
  - University of Maryland, Baltimore, Maryland, United States
  - College of New Jersey, Ewing, New Jersey, United States
  - University of Stavanger, Stavanger, Norway
  - Universidad Politécnica de Madrid, Madrid, Spain
  - Mount St. Mary's University, Emmitsburg, Maryland, United States
  - Penn State University, The Behrend College, Erie, Pennsylvania, United States

- **Mark your calendars for the free, virtual [GAP Workshop](#) on June 21** (9:00 am to 1:00 pm ET / 3:00 pm to 7:00 pm CEST). This workshop is designed to allow GAP Members to share information regarding successful teaching methods and research projects, even student projects. AdaCore engineers will also provide updates on Ada, SPARK, related resources, and our community efforts. For more information and to register please click [here](#).

- **We invite you and your students to join [GAP Connections](#),** a new dedicated LinkedIn group designed to facilitate the connection between GAP Member universities and their students and AdaCore customers looking for talented engineers with training in Ada and/or SPARK. Members are welcome to submit resumes and job postings and to invite their connections. All new posts and requests to join will require admin approval. Request to join today!

- **Announcing the winners of our inaugural Ada/SPARK Crate of the Year Award!** This competition rewards individual contributions to the Ada/SPARK open-source ecosystem and promotes the benefits of the [Alire source package manager](). Check out our related blogs where we announce the [winners](), and where the award recipients, [Paul Jarrett]() and [Manuel Hatzl](), share details of their winning project submissions**.** For more information, visit the competition site hosted on [GitHub](). And check back in June when we will be launching the 2022 award program!

- **Recap from SIGCSE 2022, Providence, RI, March 2-5.** AdaCore exhibited at this year's [SIGCSE]() conference and trade show - the first live event in two years! The energy and enthusiasm of the attendees were palpable, and we had five new GAP members sign up during the event! Special thanks to GAP member Dr. Anthony Ruocco of Roger Williams University who joined us this year to share his own experience teaching Ada with visitors to the booth.

- **Check out our latest AdaCore blogs!**
  - [https://blog.adacore.com/learn-2021-updates]()
  - [https://blog.adacore.com/handling-aliasing-through-pointers-in-spark]()
  - [https://blog.adacore.com/quite-proved-image-format]()
  - [https://blog.adacore.com/ada-gamedev-part-1-generic-sprite-and-tile-engine-geste]()
  - [https://blog.adacore.com/ada-gamedev-part-2-making-2d-maps-with-tiled]()
  - [https://blog.adacore.com/proving-the-correctness-of-gnat-light-runtime-library]()
  - [https://blog.adacore.com/an-embedded-usb-device-stack-in-ada]()
  - [https://blog.adacore.com/starting-micro-controller-ada-drivers-in-the-alire-ecosystem]()
  - [https://blog.adacore.com/enhancing-the-security-of-a-tcp-stack-with-spark]()

- **Are you working on an exciting project using Ada or SPARK? Share it with the community!** If your students have recently completed an exciting course, assignment, thesis, or doctoral that utilizes Ada and or SPARK, we'd love to add it to our growing list of [GAP member projects]() and [blogs](). All we need are a couple of paragraphs describing the work and an accompanying photo.

- **Last, but not least…as part of our Annual Renewal process, we will be sending out a survey to all active members in mid-May.** This survey enables you to verify your intent to continue your GAP membership for another year, update your contact information, and share your thoughts on if/how GAP tools, resources, and support meet the requirements for your current and future projects. Your answers will help us plan the evolution of the GAP program and show us where enhancements will be most useful. Feedback will also help guide the development of our other community resources from which all GAP members can benefit.

As always, thank you for participating in GAP and helping us keep Ada and SPARK at the forefront of university study. If you have any questions, please feel free to contact me.

Kind regards,

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