Hello GAP Members!

I hope this email finds you well and back on campus with your students, colleagues, and friends. Following is the current edition of our bi-annual newsletter, including highlights from the past six months:

- **Welcome to the 9 new university members that have joined GAP** since April 2021. New members include:
  - University of Texas Health Science Center at Houston, Houston, Texas, US
  - Purdue University, Fort Wayne, Indiana, US
  - Okinawa Institute of Science and Technology, Okinawa, Japan
  - Université de Pau et des Pays de l'Adour, Anglet, France
  - University of Coimbra, Coimbra, Portugal
  - University of Vermont, Burlington, Vermont, US
  - Southwest Jiaotong University, Chengdu, China
  - London South East Colleges   Bromley, City of London, UK
  - University of Applied Sciences Dresden (HTW Dresden), Dresden, Germany

- **There is still time to enter our new programming competition, the Ada/SPARK Crate of The Year Award.** We're calling on developers across the globe to help us grow the ecosystem of Alire Ada and SPARK software. We believe the Alire package manager is a game-changer for Ada/SPARK, so we want to use this competition to reward the people contributing to the ecosystem with $6,000 in total prizes.

  Unlike our previous Make with Ada competition, which was only for embedded projects, this competition is open to any kind of software project. And it doesn't have to be developed from scratch during the competition, it can be a project that was started years ago.
  The competition ends on Friday, December 31st, 2021 at 23:59 CEST. We'll announce the results in January 2022. For more information, or to register, visit the competition site hosted on GitHub.

- **Check our latest AdaCore blogs!**
  - https://blog.adacore.com/blocking-with-a-timeout-in-ravenscar-jorvik
  - https://blog.adacore.com/sparknacl-with-gnat-and-spark-community-2021-port-proof-and-performance

- https://blog.adacore.com/going-beyond-ada-2022
- https://blog.adacore.com/from-rust-to-spark-formally-proven-bip-buffers
- https://blog.adacore.com/announcing-the-first-ada-spark-crate-of-the-year-award
- https://blog.adacore.com/when-the-isa-is-the-weakest-link
- https://blog.adacore.com/security-hardening-with-spark
- https://blog.adacore.com/international-women-in-engineering-day-2021

- **We are considering hosting a free, virtual GAP workshop in January 2022** that would allow GAP members to share information with each other on teaching and research projects, even student projects, as well as give us an opportunity to provide information about Ada, SPARK, and our Alire community objectives. If you are interested in participating please let us know (email me at glockner@adacore.com).

- **Calling all students; AdaCore Internships available!** Each fall, AdaCore seeks out 6-7 students in Europe and the United States, for specific product engineering, research, IT, and support (HR, marketing) internships. The duration and location of each internship can vary (3-6 months). The goal of our internship program is to welcome and train students within our internal teams. Interns work closely with our engineers and have a direct impact on improving our products and processes. In some cases, our interns may have an opportunity to become our teammates of tomorrow. We encourage you to share our internship and career opportunities with your students. Details can be found on AdaCore's Careers page.

- **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.

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

Kind regards,

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