

Summary:

D-Wave designs and builds superconductor-based software programmable custom IC's and chipsets that form the heart of an integrated quantum computing system designed to deliver massively more powerful and faster computing services to a variety of industries.

Code-named Cerberus, D-Wave's proprietary technology utilizes quantum mechanical effects to accelerate computing times for specific applications in combinatorial optimization such as: 3G wireless network management (Radio Resource Management, ACP, QoS), VLSI design (timing closure/logic synthesis), Operations Research (OR), Bioinformatics, etc. The scale of acceleration is on the order of magnitudes of performance over existing computers, with PetaFlops-equivalent (7x-10x more powerful than the World's current most powerful supercomputer) capacity possible in earliest-generation Cerberus as early as 2007. D-Wave is currently sampling Cerberus and is in talks with a number of Early-Access Strategic Partners around the world in a variety of industries to bring Cerberus to market.

D-Wave Systems is a global leader in Quantum Computing. Funded by venture capitalists such as Draper Fisher Jurvetson(DFJ), GrowthWorks and Business Development Bank of Canada, D-Wave has 126 patents in process (21 granted), representing the largest Quantum Computing IP portfolio in the world.

Objectives in Joining the CMC Mission:

- 1. Customers/Partners:** D-Wave is seeking potential customers to join our Early-Access Strategic Partner (ESP) Program. Specifically, we are targeting semiconductor IDM's/EDA/LSI companies. On the Partner front, we are also seeking potential foundry partners with very specialized capabilities in superconducting electronics (if applicable - we require "exotic" processes).
- 2. Investors/Funding:** D-Wave is a venture-backed company. At some point we will be raising an additional round of funding and would like to determine whether there is any interest from investors in Taiwan(both private, eg. VC's, corporations; and public, eg. government agencies).
- 3. Scientific Collaborators:** We are interested to meet with Taiwanese academic/Research organizations active in Quantum Computing for possible scientific collaboration in areas such as: quantum algorithm development.



Bio of D-Wave Participant: Mr. Handol Kim, Vice President, Business Development

Handol is responsible for strategy, alliances, sales and marketing for D-Wave Systems Inc. Prior to joining D-Wave, Handol was Director, Sales & Marketing, Asia Pacific, at the MicroDisplay Corporation, a leading Liquid Crystal on Silicon (LCoS) display/chipset provider based in San Pablo, CA. In this role, he oversaw the launch of several products and acquired MicroDisplay's first customers. Handol was previously Director, Channel & Strategic Development at Coradiant, a Boston-based networking/server management services company, and also served as Consul at the Canadian Consulate Silicon Valley and Deputy Director, Investment, at the Canadian Trade Office in Taipei. He is a member of the Canadian NanoBusiness Alliance National SWAT team and the BC NanoAlliance steering committee. Handol can be contacted at handol@dwavesys.com.