



加拿大魁北克航太科技參訪團交流座談會

Quebec Road Show in the Aerospace Industry

日期：108 年 10 月 3 日（星期四）/ October 3 2019 (Thursday) 地點：加拿大駐台北貿易辦事處 Mackay room 地址：台北市松智路 1 號 6 樓		
時間 Time	活動 Program	出席代表及演講者 Speaker
10:00-10:20	報到 Registration	
10:20-10:30	主辦單位長官致詞 Opening Remarks	加拿大駐台北貿易辦事處 羅杜安處長 Duane Robson, Director, Canadian Trade Office in Taipei 台灣區航太工業同業公會 Taiwan Aerospace Industry Association
10:30-10:45	加拿大魁北克航太產業現況與機會 Quebec's aerospace industries overview and opportunities	Guillermo Moyano International Trade Advisor, Ministère de l'Économie et de l'Innovation, Québec
10:45-11:00	Alphacasting 公司介紹	
11:00-11:15	AV&R 公司介紹	
11:15-11:30	ICAM Technologies 公司介紹	
11:30-11:45	NGC Aerospace 公司介紹	
11:45-12:00	SimthetiQ 公司介紹	
12:00-12:15	討論交流 Q & A	
免費報名: 報名網址 聯絡人: 加拿大駐台北貿易辦事處 Tina Lin 林玉婷 02 8723 3026/ tina.lin@international.gc.ca Angela Lu 陸幼璋小姐 02-87233561/ Angela.Lu@international.gc.ca		

加拿大魁北克航太產業參訪團
2019 年 10 月 3 日至 10 月 4 日
團員名單

Alphacasting

www.alphacasting.com

François Arrien

Vice-president

Francois.Arrien@avr-global.com

PROFILE

Alphacasting is a globally recognized manufacturer in the Aerospace industry for investment casting. We have more than 25 years of experience in air and vacuum casting. Alphacasting specializes in the fields of aerospace, military and medical. We offer the possibility of providing under one roof various types of alloys such as aluminum (F357, E357, A201, C355, A356), titanium (Ti6242, Ti64, Ti64 Eli), and stainless steel (410, 17-4, 15-5). Our main growth areas are aluminum and titanium applications on aircraft engines and airframe applications.

公司簡介

Alphacasting 是備受全球航太產業肯定的包模鑄造製造商。我們有 25 年以上的大氣鑄造與真空鑄造經驗。Alphacasting 專精航太、軍事與醫療領域的鑄造需求，並提供多種合金供客戶選擇，包含鋁(F357、E357、A201、C355、A356)、鈦(Ti6242、Ti64、Ti64 Eli)以及不鏽鋼(410、17-4、15-5)。我們主要的發展領域為航空發動機與飛機結構的鋁合金與鈦合金鑄造。

AV&R

www.avr-global.com

François Arrien

Vice-president

Francois.Arrien@avr-global.com

PROFILE

As a leader in industrial automation for more than 20 years, AV&R Aerospace offers intelligent automation solutions covering two critical areas of expertise: robotic finishing (profiling, polishing, deburring and more) and automated visual inspection. Its team also offers integration services up to and including full automation of a production line.

AV&R Aerospace specializes in critical rotating gas turbine parts, mostly on blades, vanes and blisks / IBRs used in jet engines. Our clients are spread around the world.

公司簡介

AV&R 航太在工業自動化產業深耕超過二十年，主要針對機器表面處理（測量分析、拋光、去毛邊及其他）與自動化外觀檢查兩個專業領域提供智慧自動化解決方案。

我們的團隊亦提供包含全自動化生產線等的整合服務。

AV&R 航太亦製造旋轉氣渦輪發電機的葉片、靜葉、渦輪軸等關鍵零件及使用在噴射發動機上的生產整體葉盤。我們的客戶遍佈全球。

ICAM Technologies Corporation

www.icam.com

Sam Chehab

Senior Vice President of Sales

sam@icam.com

Johnson Huang

Sales representative

service@wesix.com.tw

Article Lai

Sales representative

article@kingwii.com

PROFILE

ICAM Technologies Corporation is an international company specializing in the development and implementation of advanced NC post-processing and machine tool simulation solutions for manufacturers in every major industry around the world. For over 45 years, ICAM has been providing aerospace, automotive, medical, heavy equipment and electronic organizations with advanced NC post-processing solutions that have enabled them to increase productivity and achieve greater manufacturing performance and precision.

PRODUCT AND SERVICE

ICAM's product line includes: CAM-POST® – a permanent NC post-processing software solution compatible with all major CAD/CAM/PLM Systems. Virtual Machine® – a graphical machine tool simulator depicting the operation and motions of CNC machines during post-processing. Control Emulator(TM) – a software product allowing NC programmers to simulate and test NC programs using G-code inside ICAM's Virtual Machine and CATIA/DELMIA.

ICAM also offers a complete range of consulting and training services designed to accelerate implementation and promote proven best-practices to help customers achieve their specific manufacturing objectives.

MAJOR PROJECTS

- UHF for Chengdu Aircraft, Shaanxi Aircraft and Hongdu Aircraft

- MODIG HHV machine for Chengdu Aircraft
- AVIC
- Laser cutting machine project for BAMTRI (AVIC 北京航空製造工程研究所)
- FLOW waterjet machine for COMAC (Shanghai Aircraft)
- Composite material cutting machine CMS for Shenyang Aircraft (AVIC 瀋陽飛機公司)
- HURON machine project for Hongdu Aircraft (AVIC 洪都飛機公司)
- 5-axis machine project for XIZI Aviation(西子航空工業有限公司)
- Project for CIOMP (中國科學院長春光學精密機械與物理研究所)
- Project for Taiwan Aerospace companies

公司簡介

ICAM 公司是專為全球各大主要產業製造商研發與實施 NC 後處理及工具機模擬解決方案的跨國企業。ICAM 擁有 45 年以上的經驗，為航太、汽車、醫療、重機械與電子產品公司提供先進 NC 後處理解決方案，幫助這些公司提升生產力以及改善製造效能與精確度。

產品與服務

ICAM 的產品線如下：CAM-POST®：與所有主流 CAD/CAM/PLM 系統相容的 NC 後處理永久軟體解決方案；Virtual Machine®：能夠說明 CNC 機台後處理過程操作與動作狀況的圖形工具機模擬器；Control Emulator(TM)：方便 NC 程式設計師使用 ICAM Virtual Machine 和 CATIA/DELMIA 內 G 碼模擬並測試 NC 程式的軟體產品。

ICAM 也提供一系列完整的諮詢與訓練服務，加速實施與推廣經過驗證的最佳實務，幫助客戶達到特定製造目標。

主要專案

- 為 AVIC 成都飛機公司(Chengdu Aircraft)、陝西飛機公司(Shaanxi Aircraft)與 AVIC 洪都飛機公司(Hongdu Aircraft)提供 UHF。
- 為 AVIC 成都飛機公司(Chengdu Aircraft)提供 MODIG HHV 工具機
- AVIC 西安飛機公司
- AVIC 北京航空製造工程研究所(BAMTRI)雷射切割機專案
- AVIC 瀋陽飛機公司(Shenyang Aircraft)複合材料切割機 CMS
- AVIC 洪都飛機公司(Hongdu Aircraft)HURON 工具機專案
- 西子航空工業有限公司(XIZI Aviation)五軸工具機專案
- 中國科學院長春光學精密機械與物理研究所(CIOMP)專案
- 台灣航太科技公司 (如 AIDC、MAGNATE、EVERGREEN 等)專案

NGC Aerospace

<http://www.ngcaerospace.com/>

Jean-François Hamel, Eng., Ph.D.

Project Manager

jean-francois.hamel@ngcaerospace.com

PROFILE

NGC Aerospace is a high-tech Canadian SME, in operation since 2001, located in Sherbrooke in Quebec whose mission is shaping the future of autonomous exploration through ingenuity, knowledge and collaboration. NGC is designing and deploying artificial vision and Guidance, Navigation and Control (GNC) systems on autonomous vehicles for space, aeronautical and terrestrial applications. The algorithms, simulators, real-time software and integrated systems designed by NGC aim at increasing the autonomy, the performance, the reliability and the safety of these vehicles while reducing their operational costs. NGC's main clients are international and national space agencies, governmental agencies, as well as North American and European aerospace companies. NGC is currently involved in projects related to the development and validation of technologies to be deployed on remotely piloted or autonomous aerial vehicles. These technologies aim at ensuring safe operation despite uncertainties and surrounding obstacles.

公司簡介

NGC Aerospace 是加拿大的高科技中小企業，於 2001 年創立，位於魁北克省舍布魯克，致力於透過創造力、知識與協作影響自主探索技術的未來發展。NGC 專攻太空、航空與陸地無人載具之人工視覺與導引導航控制(GNC)系統的設計和部署。NGC 設計的演算法、模擬器、即時軟體與整合式系統皆以提升載具自主性、效能、可靠性與安全性為目標，同時兼顧降低營運成本。NGC 的主要客戶為跨國與國內的太空機構、政府單位以及北美和歐洲的航太公司。NGC 目前也參與遙控或無人飛行載具技術的研發與驗證。這些技術旨在確保載具在不確定或周遭有障礙物的情況下仍能安全運作。

SimthetiQ

www.simthetiQ.com

Gareth Jones

Directeur, Sales & Marketing

gareth.jones@simthetiQ.com

PROFILE

Founded in 2005, SimthetiQ brings together a team of experienced professionals in the training and simulation field to serve the civil aviation and defense markets. We provide one of the largest mission-ready, simulation entity libraries to major corporations and governments around the world and offer an immersive visual system using our proprietary image generator combined with a library of high-quality airports and 3D models. We bring training ever closer to reality.

公司簡介

逼真度前所未見的模擬訓練

SimthetiQ 於 2005 年成立，集結民用航空及國防產業界的訓練及模擬領域資深專業人員，為全球主要企業和政府供應規模數一數二的任務備用模擬實體資料庫，以及透過結合高品質機場與 3D 模型的專利影像產生器，打造沉浸式視覺系統，提供逼真度前所未見的模擬訓練。