GS1 Healthcare Conference

17-19 June 2008
Le Méridien King Edward Hotel
Toronto, Ontario, Canada

Supported by:

GS1 Canada

Dear Participant,

Welcome to the GS1 Healthcare Conference in Toronto!

Global standards in the Healthcare supply chain: are we there yet? We have already gone a long way, but there is still a long journey ahead. **The coming 18 months will be important to continue to lay the foundation for the adoption of global supply chain standards in Healthcare**: continue the development of global standards to meet Healthcare specific needs, intensify our efforts advocating global harmonisation, and leverage the network of GS1 Member Organisations to educate local Healthcare communities about GS1 Standards. Also beyond 2009, we anticipate a lengthy adoption process, different from one country to another country and from one stakeholder to another stakeholder, but the benefits in terms of patient safety and efficiency will be substantial from day one for those adopting the standards.

To achieve all of this, we need a broad representation from all Healthcare supply chain stakeholders. Many leading manufacturers have joined the recently formed GS1 Healthcare, the global Healthcare user group merging the former GS1 HUG and EPCglobal HLS. We are also happy that a number of Healthcare providers and GPO's have become a voting member of GS1 Healthcare, including the Hong Kong Hospital Authority, 17 French university hospitals, Vinzenz Gruppe (Vienna, Austria), Erasmus MC and UMC Groningen (the Netherlands), Comparatio University Hospital Group (Germany), Premier (USA), and University of Kentucky Healthcare (USA). Nevertheless, **we encourage more participation in GS1 Healthcare, either at global level or at local level, to drive GS1 Healthcare activities across the globe.**

GS1 Healthcare Conferences always provide a unique platform for Healthcare supply chain stakeholders to meet and to advance global standards. The high-quality programme will provide you with a full update on the most important aspects of global standards in the Healthcare supply chain. The conference will also serve the global standards development work through various work team sessions. This fruitful exchange of knowledge and experience aims at further developing GS1 Standards to meet Healthcare specific needs to improve patient safety worldwide and to increase supply chain efficiency. We therefore encourage you to actively participate in these sessions.

Special thanks to GS1 Canada for their support in organising this conference.

Thank you for participating to the GS1 Healthcare Conference. We hope you will have an interesting, challenging and educational few days.

Best regards,

Michel van der Heijden
President Healthcare, GS1 Global Office

General Information

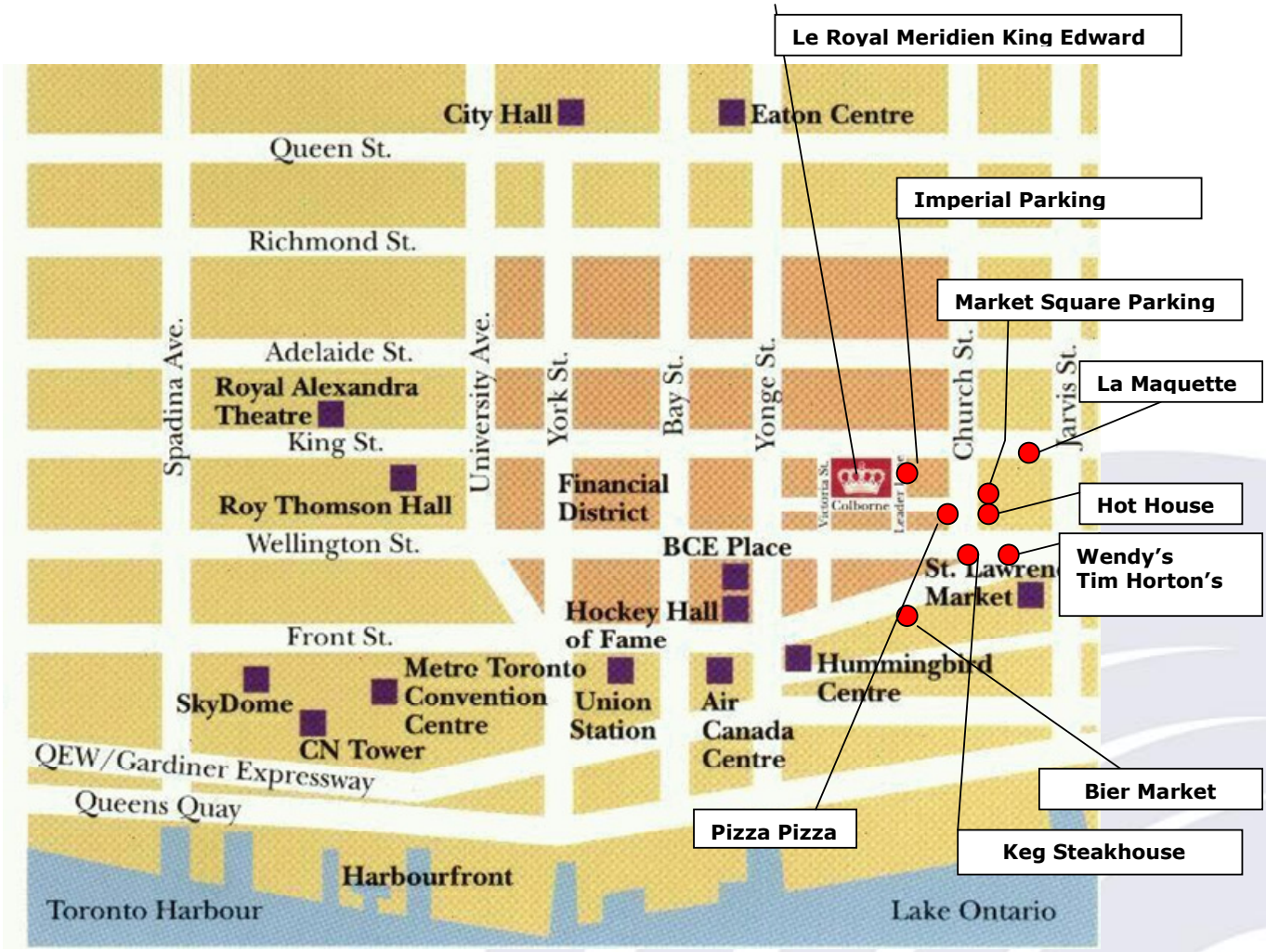
Toronto	Home to more than 100 cultures Canada's largest city, with a population of 4.7 million people North America's 5th largest city, after Mexico City, New York, LA and Chicago
Conference Venue	Le Méridien King Edward Hotel 37 King Street East, Toronto, ON Phone +1 416 863 9700
Dress Code	Business casual
Smoking	No smoking permitted in any closed workplace or public place in Toronto (including restaurants, lounges and sporting events)
Networking Event	Celebrate Canada's most beloved sport while mingling with healthcare decision makers from across Canada and around the world. GS1 Canada will host a complimentary dinner and tour of the Hockey Hall of Fame as a value-added networking opportunity for conference delegates. Wednesday, June 18 - 6:30 pm – 9:30 pm Hockey Hall of Fame (30 Yonge Street, Toronto, ON)

Restaurants

La Maquette, a restaurant renowned for its romantic atmosphere and sumptuous culinary delights. Year after year La Maquette has been nominated in numerous categories including: Most Romantic, Best Venue, Best Food, Best Service, Best Ambience and Best Desserts by Where Magazine's Toronto voters. Come enjoy the refined elegance of a historically designated landmark overlooking the Toronto Sculpture Garden & St. James Cathedral.

Bier Market, located in one of Toronto's most historic districts - on the city's original waterfront promenade - the Esplanade Bier Markt remains a place to see and be seen. Beginning with a selection of over 100 brands of beer from 24 countries, the European brasserie's culinary commitment is defined by season to ensure exceptional quality. Chic and dynamic modern design compliment the stay as do friendly and knowledgeable staff.

The Keg Steakhouse, great Keg steaks, a casual atmosphere, and friendly, knowledgeable service are the proud trademarks of The Keg Steakhouse & Bar.



Agenda

Tuesday, 17 June 2008	
8:30 am – 2:00 pm	Registration
8:30 am – 10:00 am	PRIMER SESSION (open to all)
8:30 am – 10:00 am	**Training Session: Introduction to GS1 Standards and the Global Standards Development Process (GSMP)** - Bar codes & eCom (Scott Gray) - EPCglobal (Bob Celeste) - GDSN (Pete Alvarez) - Global Standards Management Process (Mark d'Agostino)
10:00 am – 10:15 am	Coffee break
10:15 am – 1:00 pm	PLENARY SESSION (open to all)
10:15 am – 10:30 am	**Welcome** Eileen Mc Donald, Executive VP and COO, GS1 Canada Michel van der Heijden, President Healthcare, GS1 Global Office
10:30 am – 11:05 am	**Health Canada and MEDEC Update** **Global Harmonisation Task Force Medical Devices** Dr. Roland Rotter, Health Canada Klaus Stitz, Vice President, Regulatory MEDEC
11:05 am – 11:30 am	**Healthcare, RFID and Privacy** Dr. Ann Cavoukian, Information and Privacy Commissioner, Ontario
11:30 am – 11:50 am	**Promoting patient safety: is technology the solution? Unique Device Identification & the FDA perspective** Jay Crowley, Senior Advisor, US FDA
11:50 am – 12:35 pm	**Public Health Agency of Canada – Enabling immunisation traceability** Dr. Monika Naus, Medical Director, Immunization Programs, BC Centre for Disease Control Louis Lamarche, Public Health Manager, Vaccine Division, Merck Frosst Lisa Belzak, Public Health Agency of Canada
12:35 pm – 1:00 pm	**Global Pilot Data Synchronisation in Healthcare** Lance Richey, Premier Inc. and Volker Zeinar, B. Braun
1:00 pm – 2:00 pm	Lunch

2:00 pm – 6:00 pm	BREAKOUT SESSIONS
2:00 pm – 6:00 pm	**Work Teams – parallel sessions (open to end-users)** - AIDC Application Standards - Global Data Synchronisation & Product Classification **Solution Provider Track (open to all)** - Information Session Traceability in Healthcare Janice Kite, GS1 Global Office

Wednesday, 18 June 2008	
9:00 am – 1:00 pm	PLENARY SESSION (open to all)
9:00 am – 9:30 am	**Canadian pharmaceutical bar coding to improve patient safety** David U and Sylvia Hylands, Institute for Safe Medication Practices, Canada
9:30 am – 9:50 am	**Bad Krozingen Hospital (Germany): ROI with putting GS1 Standards in place** Bettina Bartz, GS1 Germany
9:50 am – 10:20 am	**Bedside scanning at HCA Central Atlantic Supply Chain Services (USA)** Noel C. Hodges, Director of Pharmacy
10:20 am – 10:40 am	**SmartLog Project in Switzerland** Nicolas Florin, GS1 Switzerland
10:40 am – 11:00 am	**Merck product identification pilot** Steve Hess, Merck
11:00 am – 11:30 am	Coffee break
11:30 am – 12:10 pm	**HL7-GS1 Roundtable** Dr. Charles Jaffe, CEO HL7
12:10 pm – 12:40 pm	**Medication Safety Project in New Zealand** Paul Cressey, Health Information Strategy Action Ministerial Committee in New Zealand
12:40 pm – 1:00 pm	**RFID Pilot in Japan using SGTIN** Prof. Akiyama, MIT and International Medical Centre, Japan
1:00 pm – 2:00 pm	Lunch

2:00 pm – 6:00 pm	BREAKOUT SESSIONS
2:00 pm – 6:00 pm	**Work Teams – parallel sessions (open to end-users)** - Global Data Synchronisation & Product Classification - Traceability in Healthcare - Dispensing Unit **Solution Provider Track (open to all)** - Information Session AIDC Application Standards Scott Gray & Tom Heist, GS1 Global Office
6:30 pm - …	Networking Dinner

Thursday, 19 June 2008	
9:00 am – 1:00 pm	PLENARY SESSION (open to all)
9:00 am – 11:00 am	**Update GS1 Healthcare in countries** Australia & New Zealand – Gary Hartley & Marcel Sieira Austria - Barbara Dorner Canada - Alicia Duval France - Valérie Marchand Germany - Bettina Bartz Russia – Georgy Nasonov Serbia – Branislava Mitic Slovakia – Ladislav Janco Switzerland - Christian Hay UK - Roger Lamb US – Dennis Harrison
11:00 am – 11:30 am	Coffee break
11:30 am – 11:50 am	**Novartis Pilot** Matthias Pfletschinger, Novartis
11:50 am – 12:15 pm	**Health Council of Canada** Dr. Donald W. M. Juzwishin, CEO
12:15 pm – 12:40 pm	**CareNET Advancing Healthcare Supply Chain Standards – Taking a country-wide approach** Liana Scott, Vice-President, Member Support, HealthPRO
12:40 pm -1:00 pm	**Closing remarks** Tim Marsh, Pfizer, Co-Chair GS1 Healthcare
1:00 pm – 2:00 pm	Lunch

2:00 pm – 6:00 pm	BREAKOUT SESSIONS (open to end-users)
2:00 pm – 6:00 pm	**Work Teams – parallel sessions (open to end-users)** - AIDC Application Standards - Traceability in Healthcare **Solution Provider Track (open to all)** - Information Session Global Data Synchronisation & Product Classification Peter Alvarez & Brian Bennett, GS1 Global Office
6:00 pm	Closure of Conference

Post-Conference Meeting

Joint ICCBBA-GS1 International Meeting
Bar Coding of Blood Derivatives

Friday, 20 June 2008	
9:00 am – 4:00 pm	PLENARY SESSION (open to all)
9:00 am – 10:00 am	**Overview** - Paul Ashford, ICCBBA - Christian Hay, GS1 Global Office
10:00 am – 11:00 am	**Users Perspective** - Bruce Ritchie, Hematologist, University of Alberta - Ann Mountain Wilson, CUSM MUHC Transfusion Safety Officer, McGill University - Teemu Laakso, Finnish Red Cross Blood Service - Jacob Pendergrast, University Health Network
11:00 am – 11:30 am	Coffee break
11:30 am – 12:00 pm	**Regulatory Perspective** - Elizabeth Callaghan, Acting Director of the Division of Blood Applications, Food and Drug Administration (US)
12:00 am – 12:30 pm	**Manufacturer's Perspective** - Philippe Majois, Divisional Packaging Technology Development Manager, Baxter BioScience
1:00 pm – 2:00 pm	Lunch
2:00 pm – 4:00 pm	**Facilitated Industry Roundtable Discussions**

Plenary Speakers

Prof. Masanori AKIYAMA is visiting professor at the Massachusetts Institute of Technology Sloan School of Management and the Tokyo Medical University as well as assistant professor at Keio University School of Medicine and the Hamamatsu University School of Medicine. After his M.D. degree at the university of Tokushima he was working in the fields of urology and pathology before concentrating more on the field of Medical Informatics.
From 1999 to 2002 he held a position in the Ministry of Health and Welfare in the Department of National Hospitals policy medical treatment section. Afterwards he joined the National Institute of Public Health as associated professor.
Prof. Masanori Akiyama is the director of the Japan association for medical informatics.

Paul ASHFORD has worked as a Clinical Scientist in the field of Transfusion Medicine for 30 years, and has been involved in providing IT solutions for over 20 years. For several years he was Chairman of the UK Blood Services Standing Advisory Committee on Information Technology and a member of the UK Blood Services Professional Advisory Committee. Paul has been involved in the development of the ISBT 128 information standard since 1999. He was appointed Executive Director of ICCBBA, the organization responsible for the management, technical development and promotion of ISBT 128, in 2005.
He is currently Chairman of the International Cellular Therapy Coding and Labeling Advisory Group and a member of the International Society for Blood Transfusion Working Party on Information Technology.

Bettina BARTZ is Senior Project Manager of GS1 Germany and has several years of experience in healthcare. Since October 2006, she is responsible for all GS1 Germany activities in the healthcare sector. One of her accomplishments was the establishment of the national GS1 Healthcare Germany initiative with appropriate specialized groups.
Before Gs1 Germany, Bettina worked for a pharmaceutical manufacturer as Key Account Manager. She also worked several years on different logistics projects wit an IT Solution Provider.
She holds a Masters degree in Project Management and Marketing. She has written her master thesis about “Efficient Consumer Response focused on the healthcare OTC market” with an excellent mark.

Lisa BELZAK works with Division of Immunization Programs at the Public Health Agency of Canada where she is the Head of the Monitoring and Assessment Unit. She is also the Federal Co Chair of the the Automated Identification of Vaccine Products Advisory Committee and the Canadian Immunization Registry Network.
Ms. Belzak has been actively involved with GS1 since 2004 as a member of the Vaccine and Biologics Working Group and the former HUG. Through her work at the Agency and GS1, she has advocated for the voluntary placement of bar codes with variable data on the primary packages of vaccines to improve the accuracy and completeness of electronic immunization records and the safe use of vaccines.

Elizabeth CALLAGHAN is presently Acting Director of the Division of Blood Applications. Ms. Callaghan joined FDA 16 years ago as a reviewer for Blood and Blood Components. During her tenure at CBER she has also held the position as the Program Manager for the Blood Action Plan and Special Assistant to the Associate Director for Policy in the Immediate Office of the Director
Prior to joining the FDA Ms. Callaghan was a Blood Bank Manager for several hospitals in New York State and was instrumental in starting up private 2 frozen blood repositories and 2 private full service clinical laboratories.
Ms. Callaghan received her BS in Medical Technology from SUNY at Stony Brook and her MS from St John's University in Queens, NY.

Dr. Ann CAVOUKIAN is recognized as one of the leading privacy experts in the world. An avowed believer in the role that technology can play in protecting privacy, Dr. Cavoukian's leadership has seen her office develop a number of tools and procedures to ensure that privacy is protected in Ontario – and around the world. Dr. Ann Cavoukian was appointed Ontario's Information and Privacy Commissioner in 1997, and is the first to be reappointed for a second term.
Noted for her seminal work on Privacy Enhancing Technologies in 1995, her mantra of "privacy by design" seeks to embed privacy into the design specifications of technology, thereby achieving the strongest protections.
Dr. Cavoukian's published works include Who Knows: Safeguarding Your Privacy in a Networked World (1997), written with Don Tapscott, and, The Privacy Payoff: How Successful Businesses Build Customer Trust (2002), written with Tyler Hamilton.

Jay CROWLEY is Senior Advisor for Patient Safety in FDA's Center for Devices and Radiological Health. Jay is interested in developing new methods and techniques to identify, analyze, and understand problems occurring from medical device use within the healthcare environment. He has been working at FDA for nearly 20 years in a variety of positions. Jay holds degrees in Risk Analysis and Engineering.

Paul CRESSEY has joined the GS1 New Zealand Board, bringing substantial experience and knowledge of the public healthcare sector to the leadership of this organisation. Mr Cressey has been involved with the management and governance of companies and other organisations in the sector for more than 30 years.
As Chairman of the Health Information Strategy Action Committee, a Ministerial committee reporting to the Minister of Health, he was responsible for leading the promotion of the implementation of this strategy among district health boards and other healthcare providers. The strategy encompasses further standardisation of information on pharmaceuticals and other items, and greater use of ICT across the sector for operational efficiency and improved healthcare outcomes. Mr Cressey is also the Chairman of the Injury Surveillance Ministerial Advisory Panel.
A professional pharmacist, Paul has previously owned and operated pharmacy businesses. For 10 years until 2004, he was the Managing Director of East Health Services Limited. He has been a member of the member of the Counties Manukau District Health Board since 2001, and was recently re-elected.
This year, Paul was made an Officer of the New Zealand Order of Merit for services to the Child Cancer Foundation, in recognition of a 25-year contribution in this area.

Nicolas FLORIN is CEO of GS1 Switzerland since 1st July 2006. Prior to his current role, he worked for over 10 years for the Galenica Group, a diversified Group active throughout the healthcare market, from manufacturer to retailer. Nicolas first worked as financial controller of the Wholesale subsidiary Galexis and after that as Business Development Manager and later on as General Manager of the Alloga Group, a European Pre-wholesale company providing broad range of specialized logistics services to pharmaceutical manufacturers. In addition to his CEO role for GS1 Switzerland, Nicolas is representing GS1 in Europe in the Leadership Team of GS1 Healthcare.

Stephen HESS joined Merck in 1987 supporting the animal health packaging business. Since then he has worked in various Human health and vaccine packaging related positions including International and Domestic responsibilities. He is currently the Executive Director of packaging technology for Merck and Co., Inc.
Prior to joining Merck, Stephen worked at Purdue Pharma and Olin Chemical in packaging related functions. He graduated from Michigan State University with a BS in Packaging in 1980.

Noel HODGES is a licensed pharmacist in the Commonwealth of Virginia. As the Director of Pharmacy Services for HCA Central Atlantic Supply Chain, he is responsible for facility supply chain pharmacy operation to identify and execute continuous improvement opportunities. Mr. Hodges completed his pharmacy degree at Purdue University and his Master of Business Administration from Strayer University. Hodges has lead the pharmacy implementation of Bed-side Point of Care (BPOC) for the HCA Richmond Division, and provides continuous monitoring of bedside scanning compliance and patient safety. He was also responsible for developing a centralize bar-code packing operation for his health-system. He has spoken multiple times on bed-side scanning systems, drug packaging, and BPOC.

Dr. Charles JAFFE is the CEO of Health Level 7. Previously, he was the Senior Global Strategist for the Digital Health Group at Intel Corporation, Vice President of Life Sciences at SAIC and the Director of Medical Informatics at AstraZeneca Pharmaceuticals.
He completed his medical training at Johns Hopkins and Duke Universities, and was a post-doctoral fellow at the National Institutes of Health and at Georgetown University. Formerly, he was President of InforMed, an informatics consultancy for research informatics. Over his career, he has been the principal investigator for more than 200 clinical trials, and has served in various leadership roles in the American Medical Informatics Association. He has been a board member on leading organizations for information technology standards, and served as the chair of a national institutional review board. Currently he holds an appointment in the Department of Engineering at Penn State University. He has been the contributing editor for several journals and has published on a range of subjects, including clinical management, informatics deployment, and healthcare policy.

Dr. Donald JUZWISHIN is CEO of the Health Council of Canada. Dr. Juzwishin has 28 years of leadership and management experience in health care management, policy making, education and research.
Prior to joining the Health Council of Canada he was a private consultant in health care policy based in St. Albert, AB. Dr. Juzwishin also served as the Director of Health Technology Assessment at the Alberta Heritage Foundation for Medical Research. Prior to that, he was with the Ministry of Health in BC. He has held executive positions at the Royal Alexandra Hospital in Edmonton, AB and at the Greater Victoria Hospital Society in Victoria, BC. He received his PhD in education policy studies from the University of Alberta and has adjunct appointments at the University of Victoria, Health Information Science; University of Alberta, School of Public Health; and University of Calgary, Community Health Sciences. He has served as a board member and chair of the Canadian Coordinating Office for Health Technology Assessment. He has published extensively with more than 100 publications to his credit and has spoken nationally and internationally in his areas of specialization.

Sylvia HYLAND is cofounder and Vice President of the Institute for Safe Medication Practices Canada (ISMP Canada), an independent, not-for-profit agency committed to the advancement of medication safety. After receiving her pharmacy degree from the University of Toronto, she completed a clinical pharmacy residency at Women's College Hospital in Toronto. Her Master of Health Sciences in Bioethics was received from the Joint Centre for Bioethics, University of Toronto.
Ms. Hyland's professional experience includes positions in clinical and administrative pharmacy in several hospitals; more recently, she has assisted with medication adverse event analyses and focused reviews of medication use systems in health care.

Louis LAMARCHE holds a Bachelor of Pharmacy from l'Université de Montréal and a Ph.D. in pharmacology from the same university. Mr. Lamarche began his career in the pharmaceutical industry in 1995 working in Medical Services and Clinical Research. He joined Merck Frosst in 1998 as a Manager of Regulatory Affairs. In 2001, Louis joined the Merck Frosst Vaccine Division and is now Manager, Public Health Policy and Government Relations. Since June 2007, he is co-chair with Liza Belzak of the Public Health Agency of Canada, the Automated Identification of Vaccine Products (IAVP) Advisory Committee which evaluates the feasibility, user acceptance and implementation of bar codes for vaccine products in Canada.

Eileen Mac DONALD is Chief Operating Officer of GS1 Canada. Ms. Mac Donald is responsible for overseeing the strategic direction of GS1 Canada and preparing the organization for future growth in emerging technologies and sectors. She is also responsible for implementing brand strategies to cement GS1 Canada's position as Canada's leader in collaborative commerce and e-commerce standards.
Before joining GS1 Canada, Ms. Mac Donald spent over eight years in various executive positions at Home Depot. Ms. Mac Donald's educational background includes Marketing and Advertising at York University, and Contracts and Law at the University of Toronto. She has been a lecturer at the University of Toronto, as well as York University.

Philippe MAJOIS is Packaging Technology Development Manager at Baxter BioScience. Mr. Majois has been with Baxter since 1998 and started as Packing Operation Manager. Since 2002, he managing the Packaging Design and Technology Development for the main biologic products of the Baxter BioScience Division. In parallel, from 2002 to 2006, he developed and implemented the Baxter BioScience Bar Boding strategy in all different Baxter BioScience packing lines to respond at the FDA bar code rule.
Since 2007, he is responsible for the development and deployment of anti-counterfeiting strategy for the two biggest products of Baxter Bioscience and recently named as e-pedigree Project Manager for Baxter BioScience in Europe.

Monika NAUS is a public health physician, Director of the Immunization Programs and Associate Director of Communicable Disease Epidemiology Services at the BC Centre for Disease Control and Assistant Professor in the Division of Public, Environmental and Occupational Health in the Department of Health Care and Epidemiology at UBC. She was chairwoman of the Canadian National Advisory Committee on Immunization from June 2003 through June 2007, overseeing the publication of the 2006 7th Edition of the Canadian Immunization Guide, and was a member of that committee from 1993-2001. She is a member of the national Advisory Committee on Causality Assessment which reviews serious adverse events following immunization received by the Canadian surveillance system. Prior to joining the BCCDC in July 2001, she was the Provincial Epidemiologist in Ontario from 1997 to 2001, and Senior Medical Consultant in Vaccine Preventable Diseases and TB Control for the Ontario Ministry of Health from 1990 to 1997. She is a Fellow of the Royal College of Physicians of Canada and of the American College of Preventive Medicine.

Matthias PFLETSCHINGER is Project Manager Track & Trace at Novartis Pharmaceuticals AG in Basel. In his current role, Matthias is responsible for the implementation of a concept that enables Novartis Pharma to track product across the supply chain. Together with key suppliers, Matthias and his team have been focused on establishing and improving a solution architecture that enables future compliance, supply chain efficiency and a fast roll-out across the global supply network.
Prior to this position, Matthias was the Head of Production Planning at a Novartis Pharmaceuticals production site in Germany, where he and his team greatly improved operational efficiency. Before joining Novartis Pharmaceuticals, Matthias held various positions within manufacturing and planning of fast moving consumer goods with Philip Morris Germany.
Matthias holds a degree in Chemical Process Engineering from the Fachhochschule in Mannheim, Germany, as well as a MBA from the Open University Business School in Milton Keynes, UK.

Lance RICHEY is the Enterprise Data Architect for Premier Inc. He has been with Premier for over 6 years and prior to that with Electronic Data Systems (EDS) for over 12 years. He is responsible for data integration and architecture at Premier. His primary focus is to support the Group Purchasing and Consulting organizations.
Premier Inc. is a hospital performance improvement alliance with 1,700 participating not-for-profit hospitals and health systems serving communities throughout the United States. Premier's core purpose is "To improve the health of communities."

Dr. Roland ROTTER is the Director of the Medical Devices Bureau at Health Canada. The Bureau is responsible for regulating medical devices sold and used in Canada, including: the processing and review of moderate to high-risk device licence and clinical trial applications, Special Access applications, Quality Management System audits of manufacturers, Health Hazard Evaluations, laboratory testing, issuance of risk communication materials, regulatory, policy and guidance document development, support to litigation activities, international relations and participation in the development of national and international standards pertaining to medical devices.

Dr. Rotter is the Federal government's representative on the Steering Committee of the Global Harmonization Task Force (GHTF), an organization which is committed to the convergence of regulations and regulatory practices for medical devices around the world. He will take over as Chair of the GHTF on July 1, 2008. He is also Health Canada's representative on several external advisory committees, including two advisory committees to the Standards Council of Canada.

Liana SCOTT is Vice President of Member Support at HealthPRO Procurement Services Inc., Canada's largest Group Purchasing Organization for healthcare. During her 25 years at Baxter and Source Medical, Liana was solely focused on healthcare supply chain, including implementation of the first Canadian stockless inventory programs and development of value-added supply chain services for hospitals. Currently Liana is Co-Chair of HSCN and a past board member and executive of CareNET. Liana holds a Bachelor of Science from Laurentian University.

Klaus STITZ represents the Regulatory Affaires portfolio for MEDEC (Medical Devices Canada), the national industry association in Canada representing over 100 medical device, diagnostic and technology companies.

He has over 20 years of experience in medical device-related activities and speaks for industry on regulatory issues. Mr. Stitz represents the industry to government officials on provincial and national level and participates in national and international activities and task forces.

Prior to joining MEDEC, Mr. Stitz held senior positions in international scientific and regulatory affairs, marketing, and business development in various jurisdictions, including Canada, Europe and the United States.

Mr. Stitz obtained his BSc in Pharmaceutical Sciences from the University of Hamburg, Germany.

David U is the President and CEO of the Institute for Safe Medication Practices Canada (ISMP Canada). ISMP Canada is an independent Canadian non-profit organization established for the collection and analysis of medication error reports and the development of recommendations for the enhancement of patient safety.
David has a professional pharmacist background. He has held senior pharmacy management position in different hospitals in more than 20 years. His interests in medication safety, healthcare and information technologies in these years have provided David the expertise, passion and clear direction to be very much involved in medication safety. He has written numerous articles on medication safety in professional journals, newspapers, and ISMP Canada Safety bulletins. David has been speaking in many national and international conferences on medication safety.
Presently David U is a member of Board of Trustees of the Institute for Safe Medication Practice (ISMP) in the US. In addition, David is a member of the Patient Safety Advisory Committee of Canadian Council on Health Services Accreditation, Steering Committee of the Safer Healthcare Now! Campaign, the Ontario Patient Safety Task Force, the Ontario Hospital Association Patient Safety Leadership Council, and the Ontario Coroner's Patient Safety Review Committee.

Michel VAN DER HEIJDEN is President Healthcare at GS1. His other responsibilities include Finance and Administration, Strategic Alliances and New Sectors.
Michel brings with him a wealth of global management experience in international business activities, particular in the Healthcare Industry. His professional career spans work and knowledge in international finance, information systems, human resources and turn-around management. Michel spent 20 years with Johnson & Johnson, heading local and regional CFO functions in the companies Pharmaceutical, Consumer Goods and Medical Device units. He also spent 3 years with Novartis (Pharma) in Switzerland as the global CFO for Primary Care and has lived and worked in 6 countries, namely Belgium, the Netherlands, Mexico, US, Greece and Switzerland.

Ann MOUNTAIN WILSON became Transfusion Safety Technologist for the McGill University Health Centre in 1999, and became responsible for the Quality Assurance Program for the Transfusion Medicine Sector and the implementation of the computer system in the 3 MUHC Blood Banks. She has worked as a Medical Laboratory Technologist in Biochemistry at the Royal Victoria Hospital, in Hematology at the Montreal General Hospital, in Animal Science Research at McGill University and finally 15 years in Hematology and Blood bank at the Montreal Children's Hospital until 1999.
She is also a member of CCNMT (Comité consultatif national de médicine transfusionnelle), Comité utilisateurs SIIATH, (Provincial SIIATH User's committee), OPTMQ (Ordre professionel des technologistes médicaux du Québec), and APCSTQ (Association Professionnelle des chargés de sécurité transfusionnelle de Quebec).

AIDC Application Standards Work Team

The objective of this work team is to develop global standards for the automatic identification and data capture for Healthcare products at all packaging levels.

The work team has already developed GTIN Allocation Rules for Healthcare, defined data requirements (including Serialization) and carrier requirements for Automatic Identification.

By Q3 '08 the work team will draft AIDC Application Standards for a majority of product types and packaging levels, with primary emphasis on pharmaceuticals. In a next phase, until Q2 '09, AIDC Application Standards will be drafted for the remaining product types in the "exception" category (e.g., surgical instruments).

This work team is co-chaired by Mark Hoyle, Covidien and Grant Hodgkins, Alcon Laboratories. For more information or if you would like to join the AIDC Application Standards Work Team, contact Tom Heist at tom.heist@gs1.org.

Traceability in Healthcare Work Team

The objective of this work team is to define the global solution for traceability in Healthcare to ensure that the business needs of the industry are fulfilled, including ensuring global traceability in an efficient, secure and reliable way, addressing restrictive legal requirements, addressing authentication from manufacturer to patient, and achieving cross-industry interoperability.

By mid '08, the work team will draft the Global Traceability Standard for Healthcare based on the existing GS1 Global Traceability Standard (GTS). This standard has already been reviewed and the conclusion was that it is suitable as minimum requirements for Healthcare sector with some changes. The work team also agreed on 20 business requirements for the draft GTS (114 business requirements reviewed) and on 30 business rules. The draft GTS for Healthcare will be reviewed during this conference. In a next phase, until end '08, implementation guidelines, case studies, and best practices will be drafted.

The Traceability in Healthcare Work Team is chaired by Tim Marsh, Pfizer and Frédérique Fremont, Robert Ballanger Hospital. For more information or if you would like to join the Traceability in Healthcare Work Team, contact Janice Kite at janice.kite@gs1.org.

Data Synchronisation & Product Classification Work Team

The objective of this work team is to develop a data synchronisation standard, including a classification solution, which will allow the Healthcare industry to use the GS1 GDSN (Global Data Synchronisation Network).

The GDSN gap analysis has already been finalised: 228 data requirements are supported by the current GDSN standard, 27 new requirements need to be defined and added to the GDSN standard. The classification systems in use across the world have been inventorised: approximately 35 different classification and nomenclature systems are in use in various parts of the world. Very recently, the global GDSN Pilot has been successfully completed.

A long term recommendation for product classification is being developed. By Q2 '09, the GDSN Extension for Healthcare will be created.

The Data Synchronisation Work Team is co-chaired by Joe Pleasant, Premier and Tom Werthwine, Johnson & Johnson. The Product Classification Work Team is co-chaired by Leighton Hansel, Abbott Laboratories and David Turner, Novation. For more information or if you would like to join the Data Synchronisation or Product Classification work teams, contact Peter Alvarez at palvarez@gs1gdsn.org

HL7

Founded in 1987, Health Level Seven, Inc. is a not-for-profit, ANSI-accredited standards developing organisation dedicated to providing a comprehensive framework and related standards for the exchange, integration, sharing, and retrieval of electronic health information that supports clinical practice and the management, delivery and evaluation of health services. HL7's more than 2,400 members represent approximately 500 corporate members, including 90% of the information systems vendors serving Healthcare.

ICCBBA

ICCBBA is a not-for-profit information standards body established in 1995 by the International Society for Blood Transfusion in order to manage ISBT 128, a new global information standard for blood transfusion. In 2000, the scope of the ISBT 128 standard was extended to include cellular therapy and tissue transplantation products. ISBT 128 provides a globally unique donation identification number, internationally agreed product codes, and a range of data structures for encoding critical specialist information.

GS1 collaborates with HL7 and ICCBBA

GS1 has signed Memoranda of Understanding with both HL7 and ICCBBA to collaborate in the area of global standards in Healthcare. GS1 will work with both standards bodies to align the development of global standards, to ensure compatibility and to promote the adoption of global standards in the Healthcare community.

List of participants

First name	Last name	Company / Organisation
Masanori	Akiyama	MIT Sloan school of management
Luna	Al-Khalili	Health Canada
Lynda	Allair	BPS Supply Chain Secretariat, Ministry of Finance
Peter	Alvarez	GDSN, Inc.
Debby	Atallah	GS1 Canada
Bernie	Barbour	enLabel Global Services
Bettina	Bartz	GS1 Germany GmbH
Brian	Bennett	GS1 Global Office
Stefano	Bergamin	GS1 Italy
Erik	Binst	CAF-DCF cvba
Dennis	Black	BD
Éric	Blanchette-Ouellet	Centre Hospitalier Universitaire de Québec
Bill	Bobbie	Cook (Canada) Inc.
Ron	Bone	McKesson Corporation
Jos	Bouwen	TERUMO Europe NV
Jack	Brooks	EPCglobal Canada
Frank	Brüggemann	Comparatio Health GmbH
Christopher	Burcher	Joseph Brant Memorial Hospital
Suzanne	Butch	Blood Bank & Trasnfusion Service, University of Michigan
Dennis	Byer	Novation
Elizabeth	Callaghan	US Food and Drug Administration
William	Caron	Baxter Healthcare
Chris	Cassidy	GSK (Glaxo Smith Kline)
Ann	Cavoukian	Information and Privacy Commissioner/Ontario
Robert	Celeste	GS1 US
Manhim	Chau	University Health Network, Canada
Paul	Cressey	Health Information Standards Taskforce, New Zealand
Jay	Crowley	US Food and Drug Administration
Mark	d'Agostino	GS1 Global Office
Philipp	Degtyarev	GS1 Russia
Jan	Denecker	GS1 Global Office
Ed	DiPaola	Boehringer Ingelheim Pharmaceutical
Pat	Distler	ICCBBA
Colleen	Dooley	Sobeys Pharmacy
Barbara	Dorner	GS1 Austria
Alicia	Duval	GS1 Canada
Jackie	Elkin	Medtronic, Inc.

First name	Last name	Company / Organisation
Nancy	Elliott	Ontario Ministry of Finance
Magali	Escudero	Toronto General Hospital
Karen	Farrell	Health Canada
Tony	Ferrara	Seagull Scientific
Nicolas	Florin	GS1 Switzerland
Simon	Fournier	Hema-Quebec
John	Freedman	St Michael's Hospital
Frédérique	Frémont	CH of Aulsnay sous Bois, France
Esther	Fung	University Health Network-Toronto General Hospital
John	Gagliardi	GlaxoSmithKline
Louis-Philippe	Gagne	Hema-Quebec
Donald	Gironne	Héma-Québec
Francis	Goddu	Medical Mart
Douglas	Goldman	GS1 US
Jenny	Gough	Molnlycke Healthcare Group plc
Nicole	Gourley	GS1 Canada
Scott	Gray	GS1 Global Office
Michio	Hamano	GS1 Japan
George	Haron	Cook(Canada)Inc
Dennis	Harrison	GS1 US
Gary	Hartley	GS1 New Zealand
Mathias	Haun	Canadian Blood Services
Christian	Hay	GS1 Switzerland
Tom	Heist	GS1 Global Office
Steve	Hess	Merck and Co., Inc.
Noel	Hodges	HCA - Hospital Corporation of America
Grant	Hodgkins	Alcon Laboratories, Inc.
David	How	Hospira Healthcare Corporation, Canada
Miroslav	Ilic	GS1 Serbia
Charles	Jaffe	HL7
Rajeev	Jain	Amgen Inc
Ladislav	Janco	GS1 Slovakia
Valentina	Jelincic	University Health Network, Canada
Franklin	Jeri-Leon	Interior Health Authority
Laurie	Jordan	Smith & Nephew, Inc.
Marcia	Kafkakis	Baxter Healthcare
Georg	Keller	B.Braun Aesculap
Uli	Kiefer	CSL Behring
Janice	Kite	GS1 Global Office

First name	Last name	Company / Organisation
Ulrike	Kreysa	GS1 Global Office
Richard	Kriozere	Digi-Trax Corporation
Melanie	Kudela	GS1 Global Office
Julie	Kuhn	Cardinal Health
Yasuo	Kurosawa	GS1 Japan
Teemu	Laakso	Finnish Red Cross Blood Service
Louis	Lamarche	Merck Frosst Canada Ltd.
Roger	Lamb	GS1 UK
Jean	Lapierre	Héma-Québec
Elaine	Lee	Scarborough General Hospital
Tsuhsin	Lin	Institute for Information Industry, Taiwan
Miguel	Lopera	GS1 Global Office
Eileen	Mac Donald	GS1 Canada
Patricia	Macgregor	The Scarborough Hospital
Philippe	Majois	Baxter BioScience
Meera	Makim	Health Canada
Valérie	MARCHAND	GS1 France
Timothy	Marsh	Pfizer
Andy	Martin	GHX
Feargal	Mc Groarty	St James's Hospital
Melissa	McCreary	Smith & Nephew, Inc
Joan	McLaughlin	St. Michael's Hospital
Mike	Meakin	DHL Exel Supply Chain
Matthias	Meier	August Faller KG, Germany
Branislava	Mitic	GS1 Serbia
Ann	Mountain Wilson	McGill University Health Centre
Nadège	Mullier	GS1 Global Office
Royce	Nakanyike	Change Livelihoods Network
Georgy	Nasonov	GS1 Russia
Monika	Naus	British Columbia Centre for Disease Control
Ken	Nobbs	NEHTA
Daniel	Ogbuagu	PEPFAR, Nigeria
Paul	Osland	GS1 Canada
Zdenek	Pav	University hospital in PLZEN
Todd	Pechner	Talecris Biotherapeutics
Jacob	Pendergrast	University Health Network
Karen	Peterson-Doyle	Pall Life Sciences
Alain	Petit	Corporation de services regroupés de l'Estrie
Matthias	Pfletschinger	Novartis Pharma AG

First name	Last name	Company / Organisation
Monique	Pitre	University Health Network, Canada
John	Pitts	Domino Amjet, Inc.
Cyndi	Poetker	Abbott Laboratories
Okotie	Prosper	Emperical international limited
Alfons	Rathmer	3M Germany GmbH
Allan	Reynolds	Canadian Association Pharmacy Distribution Management
Lance	Richey	Premier Inc.
Alexander	Rocco	St Joseph's Health Centre
Dirk	Rodgers	SupplyScape Corporation
Roland	Rotter	Health Canada
Jabir	Rustom	Johnson & Johnson Medical Products
Andrea	Ryl	St. MIchael's Hospital
Antonio	Sa	Age Care
Mike	Sadiwnyk	GS1 Canada
Jean	Sargent	University Kentucky HealthCare, US
Stefan	Schellhammer	University of Münster, Germany
Liana	Scott	HealthPRO Procurement Services Inc.
Clive	Scott	Zimmer
David	Sharda	The Ottawa Hospital
Marcel	Sieira	GS1 Australia
Josef	Simacek	Pharmdata s.r.o.
George	Simeon	GS1 Global Office
Patricia	Simeons	St Michael's Hospital
Susan	Smith	Hamilton Health Sciences
Ali	Sohail	St. Michael's Hospital
Mónica	Soler	GS1 Spain
Debbie	Sprindzunas	AHRMM
Francois	St-Cyr	Corporation de service regroupé de l'Estrie (MSSS)
Gilles	St-Laurent	Centre Hospitalier Universitaire de Québec
Isabelle	St-Pierre	Ontario Ministry of Finance
Thibault	Sylvie	Héma Québec
Diane	Taillard	GS1 Global Office
Svetlena	Taneva	University Health Network, Toronto
Chris	Terech	Ontario Ministry of Finance
Janet	Thompson-Mar	Talecris Biotherapeutics
Carlos	Torme	GS1 Spain
Lynne	Trott	The Ottawa Hospital, General Campus
Boris	Tsinman	Capital District Health Authority, Canada
David	Turner	Novation LLC

First name	Last name	Company / Organisation
Heather	Tyrrell	Canadian Association of Chain Drug Stores
David	U	ISMP Canada
Kenneth Onyeka	Udenze	JCI Ikoji
Bernard	Unikowsky	McGill University Health Centre
Michel	van der Heijden	GS1 Global Office
Jan-Joost	van Walsum	University Medical Center Groningen, the Netherlands
Mark	Walchak	Pfizer
Mike	Wallace	Abbott Laboratories
Mansoor	Wani	BPS Supply Chain Secretariat
Dorothy	Ward	Canadian Blood Services
Friso	Weelden, van	GS1 Netherlands
Tim	Welch	GS1 US
Thomas	Werthwine	Johnson & Johnson Healthcare Systems
Jim	Willmott	Smiths Medical
Dan	Wright	Ontario Ministry of Finance
MJ	Wylie	GHX
Volker	Zeinar	B. Braun Group
Erik	Zwarter	Erasmus Medical Centre, the Netherlands