

22nd ICHS 2022 & 19th ANNUAL MEETING OF THE SSAI 2022 - Program

Thursday, 08 September 2022

15:00	Registration and Room Finding		
16:00 - 16:30	Opening		
	Welcome to Basel - welcome to the joint meeting of ICHS and SSAI		
President ICHS	Hans H. Hirsch, Basel (CH)		
President SSAI	Mike Recher, Basel (CH)		
	<i>The City of Basel</i>		
Representative			
Patient Organisation	Organsiation of Patients (Primary Immunodeficiency and Transplantation)		
16:30 - 18:00	Plenary Session 1		
SESSION TOPIC	<i>Infection and immunity – Are you competent?</i>		
Chair 1	Hans H. Hirsch, Basel (CH)		
Chair 2	Mike Recher, Basel (CH)		
TITLE 1	<i>Allergic diseases as inborn errors of immunity</i>		
Presenter 1	Josh Milner, New York (USA)		
TITLE 2	<i>How the immune response modifies antimicrobial therapy decisions</i>		
Presenter 2	Annelies Zinkernagel, Zurich (CH)		
TITLE 3	<i>Infection and immunity – Update Xenotransplantation</i>		
Presenter 3	Jay Fishman, Boston (USA)		
18:00 - 19:30	ICHS GENERAL ASSEMBLY		SSAI Council Dinner
19:30 - 21:30	ICHS COUNCIL DINNER		

<i>Color legend:</i>	<i>ICHS sessions</i>	<i>Joint sessions</i>	<i>SSAI sessions</i>	<i>Industry symposia</i>
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Friday, 09 September 2022

7:00	Registration and Room Finding			
08:00 - 08:50	Meet the Expert 1	Meet the Expert 2	Meet the Expert 3	Meet the Expert 4
SESSION TOPIC	<i>Clinical and diagnostic considerations in immunocompetent vs immunodeficient patients (case-based)</i>	<i>Epidemiology and management of infections with new therapies in heme-onc and HCT (case-based)</i>	<i>Immediate type allergy - Meet the Allergologist</i>	<i>Targeted treatment based on molecular mechanisms - Meet the translational immunologist</i>
TITLE 1	<i>When Imaging goes viral...Focus on Corona, CARVs and CMV</i>	<i>The new –nib on the block</i>	<i>Food Allergy, what's new?</i>	<i>... in the immunodeficient patient</i>
Presenter 1	Jens Bremerich, Basel (CH)	Georg Maschmeyer, Berlin (DE)	Barbara Ballmer, St. Gallen (CH)	Mike Recher, Basel (CH)
TITLE 2	<i>Clinical, diagnostic and functional integration: The lung expert's view</i>	<i>The new block on the -mab</i>	<i>Understanding antibiotic allergy</i>	<i>... in immune-oncology</i>
Presenter 2	Daiana Stolz, Basel (CH)	Johan Maertens, Leuven (B)	Kathrin Scherer Hofmeier, Aarau (CH)	Heinz Läubli, Basel (CH)
08:50 - 09:00	Room Change			
09:00 - 10:00	Plenary Session 2			
SESSION TOPIC	<i>When too little immunity turns bad... Session dedicated to Dr. Robert Finberg</i>			
Chair 1	Roy Chemaly, Houston (USA)			
Chair 2	Mario Fernández-Ruiz, Madrid (E)			
TITLE 1	<i>When immunodeficiency looks like infection...</i>			
Presenter 1	Steven Holland, Bethesda (USA)			
TITLE 2	<i>When infection looks like immunodeficiency</i>			
Presenter 2	Jay Fishman, Boston (USA)			

COFFEE BREAK / POSTER WALK (Posters / Industry Expo)				
10:00 - 10:30				
10:30 - 11:50	Parallel Session 1	Parallel Session 2	Parallel Session 3	Parallel Session 4
SESSION TOPIC	<i>Invasive Fungal Infections – Risk, and drugs and personalized medicine</i>	<i>Big Data - AI for Diagnosis, Risk factors and Treatment Outcomes</i>	<i>Myeloid cell dysregulation</i>	<i>Infections in primary immunodeficiency</i>
Chairs 1	Murat Akova, Ankara (TR)	Andri Rauch, Berne (CH)	Lukas Jörg, Berne (CH)	NN
Chairs 2	Tobias Hohl, New York (USA)	Karoline Leuzinger, Basel (CH)	NN	Thomas Hauser, Zurich (CH)
TITLE 1	<i>When things get "IFI" – clinical clues in heme-onc, HCT, and SOT</i>	<i>The Swiss Cohort Studies: Track record and way forward</i>	<i>Mastocytosis: Clinical manifestations and novel treatment strategies</i>	<i>Overview of primary immunodeficiencies – basics</i>
Presenter 1	Nina Khanna, Basel (CH)	Nicolas Müller, Zurich (CH)	Karin Hartmann, Basel (CH)	Fabio Candotti, Lausanne (CH)
TITLE 2	<i>Is pre-emptive anti-fungal therapy ready for prime time ?</i>	<i>The Swiss Personalized Health Network initiative</i>	<i>Eosinophilic airway diseases: basic science, clinical manifestations and future challenges</i>	<i>Primary immunodeficiency – Infectious clues and diagnosis</i>
Presenter 2	Johann Maertens, Leuven (B)	Adrian Egli, Zurich (CH)	Celeste Porsbjerg, Copenhagen (DK)	Nizar Mahlaoui, Paris (FR)
TITLE 3	<i>Genetic risk stratifiers: Pentraxin paradigm and what's in the pipeline</i>	<i>Platform to evaluate outcomes for immunodysfunctional patients: PERSIMUNE</i>	<i>Histocytic disorders</i>	<i>Clinical approach to the pediatric patient – etiological and antimicrobial treatment</i>
Presenter 3	Pierre-Yves Bochud, Lausanne (CH)	Jens Lundgren, Copenhagen (DK)	Julien Haroche, Paris (FR)	Thomas Lehnbecher, Frankfurt (DE)
TITLE 4	<i>New drugs, new goals, new guidelines</i>	<i>The Transplant iBOX</i>	<i>Immune dysregulation in myelodysplastic syndrome</i>	<i>Clinical approach to the adult patient – etiological and antimicrobial treatment</i>
Presenter 4	Monica Slavin, Melbourne (AUS)	Marc Raynaud, Paris (FR)	NN	Peter Jandus, Geneva (CH)
11:50 - 12:00	Time for Room Change			
12:00 - 13:20	Industry Lunch Symposium - Takeda International	Industry Lunch Symposium - CSL Behring AG	Lunch Break - Posters / Poster Walk/Industry Expo	
	<i>When the Troll of Transplantation is out - Cytomegalovirus Diagnosis and Management</i>	<i>Secondary Immunodeficiencies</i>		
	<i>ICHS Takeda Laboratory and Clinical VIROLOGY AWARDS</i>			
Chair 1	Robin Avery, Baltimore (USA)	Adrian Zürcher, CSL Behring AG		
Chair 2	Hans H. Hirsch, Basel (CH)	-		
TITLE 1	<i>Dancing with the Troll – The lab perspective</i>	<i>Burden of infection in SID</i>		
Presenter 1	Karoline Leuzinger, Basel (CH)	Peter Jandus, Geneva (CH)		
TITLE 2	<i>Precise and Personalized is Best Against the CMV Troll - The SOT Perspective</i>	<i>SIDs in hemato-oncological situations</i>		
Presenter 2	Camille N. Kotton, Boston (USA)	Sacha Zeerlender, Lucerne (CH)		
TITLE 3	<i>Taming the CytomegaloBeast: Tools in our Armamentarium – The HCT perspective</i>	<i>Where will we see SIDs in the future?</i>		
Presenter 3	Roy Chemaly, Houston (USA)	Kirsten Wittke, Berlin (DE)		
	<i>Panel Discussion and Q&A</i>			
13:20 - 13:30	Time for Room Change			
13:30 - 15:00	Parallel Session 5	Parallel Session 6	Parallel Session 7	Parallel Session 8
SESSION TOPIC	<i>THE BEST OF ICHS - CORONA COMPETENCE</i>	<i>Immunity is down - just jack it up</i>	<i>Laboratory Diagnostics</i>	<i>Experimental Immunology</i>
Chair 1	Nicolas Müller, Zurich (CH)	Thomas Lehnbecher, Frankfurt (DE)	Ingmar Heijnen, Basel (CH)	Daniela Latorre, Zurich (CH)
Chair 2	Malgorzata Mikulska, Genoa (IT)	Camille N. Kotton, Boston (USA)	Luca Bernasconi, Aarau (CH)	Daniel Legler, Kreuzlingen (CH)
TITLE 1	<i>Virology</i>	<i>Treating infections with check-point inhibitors?</i>	<i>Donor-specific Antibodies: Why measure it and what we do about it</i>	<i>Systems Serology</i>
Presenter 1	Roy Chemaly, Houston (USA)	Irene Cortese, Bethesda (USA)	Stefan Schaub, Basel (CH)	Galit Alter, Boston (USA)
TITLE 2	<i>Solid organ</i>	<i>T-cell guided antiviral therapy – ready for use?</i>	<i>A novel functional mast cell assay for the detection of allergies</i>	<i>CD4 T cells Sans Frontières: division of labor in the lung</i>
Presenter 2	Robin Avery, Baltimore (USA)	Oriol Manuel, Lausanne (CH)	Alexander Eggel, Berne (CH)	Carolyn King, Basel/Lausanne (CH)
TITLE 3	<i>HCT</i>	<i>Transfer of antigen-specific immune effectors – Just do it!</i>	<i>Clinical application of genetic testing in primary immunodeficiencies</i>	<i>Coronin 1, T cell homeostasis and immunity: Getting it just right</i>
Presenter 3	Monica Slavin, Melbourne (AUS)	Patrizia Comoli, Pavia (IT)	Johannes Trück, Zurich (CH)	Jean Pieters, Basel (CH)
TITLE 4	<i>Autoimmunity</i>	<i>Energy management in viral infection</i>	<i>Anti-cytokine autoantibodies: When and how to measure?</i>	<i>Eosinophil subsets in intestinal inflammation</i>
Presenter 4	Jose-Maria Aguado, Madrid (E)	Andreas Bergthaler, Vienna (A)	Rainer Doffinger, Cambridge (GB)	Isabelle Arnold, Zurich (CH)

15:00 - 15:30	COFFEE BREAK
15:30 - 17:00	Plenary Session 3
SESSION TOPIC	When too much immunity turns bad... (Aberrant responses to microbes, drugs, and vaccines)
Chair 1	Mike Recher, Basel (CH)
Chair 2	Carol Kaufman, USA
TITLE 1	<i>The human genetic and immunological determinants of life-threatening COVID-19</i>
Presenter 1	Jean-Laurent Casanova, New York (USA)
TITLE 2	<i>Genetic Susceptibility to Epstein Barr virus infection</i>
Presenter 2	Alain Fischer, Paris (FR)
17:00 - 17:15	Time for Room Change

17:15 - 18:45	Industry Afternoon Symposium - tbd	Industry Afternoon Symposium - Mundipharma	Posters / Poster Walk/Industry Expo
Chair 1		Current and future directions for the management of invasive fungal infections in immunocompromised patients	
TITLE 1		Importance of PK/PD: optimising antifungal drug dosing	
Presenter 1		Russell Lewis, Italy	
TITLE 2		Key challenges in the clinical management of invasive candidiasis: the value of a patient-tailored approach	
Presenter 2		José Maria Aguado, Spain	
TITLE 3		Novel antifungals and how they might address the current treatment challenges	
Presenter 3		NN	
		Questions and answers	

Color legend:	ICHS sessions	Joint sessions	SSAI sessions	Industry symposia
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Saturday, 10 September 2022				
7:00	Registration and Room Finding			
08:00 - 08:50	Meet the Expert 5	Meet the Expert 6	Meet the Expert 7	Meet the Expert 8
SESSION TOPIC	<i>Microbe alarm before transplantation – You're on call... (Case-based - When to treat, when to defer, when to reject...)</i>	<i>How immunocompromised is your patient ? (case-based)</i>	<i>Infection and respiratory allergy - Meet the Aerobiologists</i>	<i>Next generation immunologists - Meet the Swiss Young Immunologists (SYIS)</i>
TITLE 1	<i>...the SOT perspective</i>	<i>Which clinical criteria inform my daily practice ?</i>	<i>Pollen exposure in allergic as well as non allergic subjects increases the susceptibility to respiratory viral infection, including to SARS-CoV-2</i>	<i>Best SYIS abstract 1+2</i>
Presenter 1	Paolo Grossi, Varese (IT)	Monica Slavin, Melbourne (AUS)	Stefanie Gillies, Munich (DE)	Chair: Daniela Latorre, Zurich (CH)
TITLE 2	<i>...the HCT perspective...</i>	<i>Which specific or adjunctive tests can help to inform diagnosis and management?</i>	<i>Viral infection increases the risk of developing respiratory allergies</i>	<i>Best SYIS abstract 3+4</i>
Presenter 2	Zenia Papanicolaou, New York (USA)	Mario Fernández-Ruiz, Madrid (E)	Marie-Charlotte Brügggen, Zurich (CH)	Chair: Sinduya Krishnarajah, Zurich (CH)
08:50 - 09:00	Time for Room Change			
09:00 - 10:00	Plenary Session 4			
SESSION TOPIC	<i>Corona and COVID19 in 2022: State-of-the-Art in the third pandemic year after start - (Session dedicated to Dr. Francisco Marty)</i>			
Chair 1	Monica Slavin, Melbourne (AUS)			
Chair 2	Hans H. Hirsch, Basel (CH)			
TITLE 1	<i>SARS-CoV-2 and COVID19 – Clinical trials, real-time translation and way forward</i>			
Presenter 1	Lindsey R. Baden, Boston (USA)			
TITLE 2	<i>The origin and ongoing evolution of SARS-CoV-2</i>			
Presenter 2	Eddie Holmes, Sydney (AUS)			
10:00 - 10:30	COFFEE BREAK / POSTER WALK (Posters / Industry Expo)			
10:30 - 11:50	Paralell Session 9	Paralell Session 10	Paralell Session 11	Paralell Session 12
SESSION TOPIC	<i>Bacterial Infections, Immune dysfunction and critical illness</i>	<i>Community-acquired respiratory viruses in Immunocompromized Hosts</i>	<i>The immunodysregulated skin</i>	<i>Epstein-Barr Virus and associated Diseases</i>
Chair 1	Nina Khanna, Basel (CH)	Maddalena Peghin, Varese (IT)	Alexander Navarini, Basel (CH)	NN
Chair 2	Mario Fernández-Ruiz, Madrid (E)	Laurent Kaiser, Geneva (CH)	NN	NN
TITLE 1	<i>Sepsis State-of-the-Art and what is unique to the immunocompromised host?</i>	<i>CARV pathogenesis – clues from the good, the bad, and the ugly</i>	<i>Disseminated Papillomavirus Warts</i>	<i>Epstein-Barr Virus - Biology of invasion, stealth and resurrection</i>
Presenter 1	Thierry Calandra, Lausanne (CH)	Chrysanthi Skevaki, Giessen (DE)	Vivien Béziat, Paris (FR)	Christian Münz, Zurich (CH)

TITLE 2	Breaches in defence: catheters, ports and implants post-transplant	How do I manage CARVs in solid organ transplant recipients?	Atopic dermatitis	ADA2 deficiency: EBV lymphoproliferation and much more
Presenter 2	Paolo Grossi, Varese (IT)	Mike Ison, Chicago (USA)	Patrick M. Brunner, Vienna (A)	Isabelle Meyts, Leuven (B)
TITLE 3	MDR-bugs in heme-onc and HCT: Selection, scare and stewardship	How do I manage CARVs in heme-onc and HCT?	Skin manifestations in autoinflammatory diseases	EBV diseases in transplantation
Presenter 3	Murat Akova, Ankara (TR)	Marie von Lilienfeld-Toal, Jena (DE)	Sinisa Savic, Leeds (GB)	Cédric Hirzel, Berne (CH)
TITLE 4	MDR-bugs in solid organ transplantation: Who is at risk and why?	Perspective: Infection control, and then what: antivirals, vaccines or immunotherapy ?	T cells in the skin: Lymphoma and inflammatory skin disease	tbd
Presenter 4	Jose-Maria Aguado, Madrid (E)	Roy Chemaly, Houston (USA)	Christoph Schlapbach, Berne (CH)	NN
11:50 - 12:00	Time for Room Change			
12:00 - 13:20	Industry Lunch Symposium - MSD	Industry Lunch Symposium - Moderna	Lunch Break - Posters / Poster Walk/Industry Expo	
		Vaccination in the immunocompromised patient		
Presenters				
13:20 - 13:30	Time for Room Change			
13:30 - 15:00	Paralell Session 13	Paralell Session 14	Paralell Session 15	Paralell Session 16
SESSION TOPIC	Hepatitis Viruses - Direct and Indirect Challenges	Best vaccination for Prevention, Control or Therapy	Interferons: The good, the bad, the ugly	Tumor immunology
Chair 1	Andri Rauch, Berne (CH)	Lindsey R. Baden, Boston (USA)	Camillo Ribi, Lausanne (CH)	Daniel E. Speiser, Epalinges (CH)
Chair 2	Roberto Speck, Zurich (CH)	Maddalena Peghin, Varese (IT)	NN	NN
TITLE 1	Transplantation with HCV – Milestones on the way to the new normal	The Pandemic Challenge: Game-changer for respiratory viruses?	The expanding spectrum of autoinflammatory interferonopathies and their mimics	Immunometabolic regulation of T cell function
Presenter 1	Christine Durand, Baltimore (USA)	Natasha Halasa, Nashville (USA)	Raphaela Goldbach-Mansky, Bethesda (USA)	Christoph Hess, Basel (CH)
TITLE 2	Hepatitis E - Virology and clinical manifestations in the immunocompetent host	The Reactivation challenge: CMV and other herpesviruses in patients at risk	Priming systemic antiviral immunity by the gut microbiota	Revisiting the role of checkpoint molecule TIM-3 in cancer
Presenter 2	Darius Moradpour, Lausanne (CH)	Per Ljungman, Stockholm (SE)	Nelson Gekara, Goterborg (SE)	Karen Dixon, Boston (USA)
TITLE 3	Hepatitis E - Key lessons from Transplantation	The re-infection challenge: lessons from the malaria vaccine field	What can we learn about type I interferons from murine models	Biased Interleukin-2 immunotherapy against poorly-immunogenic and metastatic cancer
Presenter 3	Nassim Kamar, Toulouse (FR)	Claudia Daubenberger, Allschwil (CH)	Karl Lang, Essen (DE)	Onur Boyman, Zurich (CH)
TITLE 4	Hepatocellular cancer - mechanisms, personalized profiling and therapy approach	The Cure Challenge: Mission impossible or breakthrough for HIV ?	Type I and Type II Interferons in HLH	Shielding Cells for Next Generation Cancer Immunotherapy
Presenter 4	Markus Heim, Basel (CH)	Francesco Simonetti, Baltimore (USA)	Jana Pachlopnik, Zurich (CH)	Lukas Jeker, Basel (CH)
15:00 - 15:15	Time for Room Change			
15:15 - 16:45	Industry Afternoon Tea Symposium - Oxford Immunotec	Industry Afternoon Tea Symposium - Takeda Pharma AG	Industry Afternoon Tea Symposium - OM Pharma Suisse SA	Industry Afternoon Tea Symposium - Novartis Pharma Schweiz AG
		Secondary Immunodeficiencies		Chronic spontaneous urticaria
Presenters				
16:45 - 17:00	Time for Room Change			
17:00 - 18:30	Paralell Session 17	Paralell Session 18	SSAI General Assembly	
SESSION TOPIC	Technical or Conceptual Game Changers in Laboratory Diagnostics (Swiss Society for Microbiology)	Infections after Hematopoietic Cell Transplantation (ASTCT and EBMT-sponsored session)		
Chair 1	Gilbert Greub, Lausanne (CH)	Roy Chemaly, Houston (USA)		
Chair 2	Jean Villard, Geneva (CH)	Rafael de la Cámara, Madrid (E)		
TITLE 1	What infectious disease clinicians caring for immunocompromised hosts wants from the lab...	Cytokine relases syndrome: CAR-T cells or Sepsis?		
Presenter 1	Maddalena Peghin, Vares (ITA)	Malgorzata Mikulska, Genoa (IT)		
TITLE 2	Cell-free DNA and Virus replication: New concepts, challenges, and opportunities	Rare Opportunistic Infections after HCT: Nocardiosis and Listeriosis		
Presenter 2	Karoline Leuzinger, Basel (CH)	Dina Averbuch, Jerusalem (IL)		
TITLE 3	Comprehensive immune phenotyping - the Immunome: for whom, when and why?	T cell Immunity, T cell Therapy and Viruses: What, when, and how?		
Presenter 3	Déla Golshayan, Lausanne (CH)	Zenia Papanicolaou, New York (USA)		

TITLE 4	<i>Metagenomics for Immunocompromised</i>	<i>COVID-19 in HCT Recipients: specific immune effectors or antivirals?</i>	
Presenter 4	Adrian Egli, Zurich (CH)	Sanjeet Dadwal, Duarte (USA)	

19:30 - 23:00	RHINE RIVER CRUISE NETWORKING EVENT		
	ICHS YOUNG INVESTIGATOR AWARD		SSAI Award
	ICHS LIFE TIME ACHIEVEMENT AWARD		SYIS Award

<i>Color legend:</i>	<i>ICHS sessions</i>	<i>Joint sessions</i>	<i>SSAI sessions</i>	<i>Industry symposia</i>
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Sunday, 11 September 2022				
7:00	Registration and Room Finding			
08:00 - 08:50	Meet the Expert 9	Meet the Expert 10	Meet the expert 11	Meet the expert 12
SESSION TOPIC	<i>The mighty mold – mechanisms, manifestations, management (Case-based)</i>	<i>Don't crack under pressure... (Case-based)</i>	<i>The difficult to vaccinate - Meet the vaccinologist</i>	<i>Chronic rhinosinusitis - Meet the ENT specialist</i>
TITLE 1	<i>Mold biology and pathogenesis</i>	<i>Do break points: from dilution and diffusion to Maldi-ToF AI</i>	<i>Vaccinations in immunodeficiency</i>	<i>Chronic rhinosinusitis with polyyps (CRSwP)</i>
Presenter 1	Tobias Hohl, New York (USA)	Adrian Egli, Zurich (CH)	Christoph T. Berger, Basel (CH)	Simona Negroias, Basel (CH)
TITLE 2	<i>Clinical manifestations and management</i>	<i>Do break-proof: optimizing treatment of immunocompromised hosts</i>	<i>Allergy to vaccines incl. COVID mRNA vaccines</i>	<i>ANCA vasculitis, antibody deficiency etc.: Immunologic causes of chronic rhinosinusitis</i>
Presenter 2	Thomas Lehrnbecher, Frankfurt (DE)	Malgorzata Mikulska, Genoa (IT)	Yannick Muller, Lausanne (CH)	Thomas Daikeler, Basel (CH)
08:50 - 09:00	Time for Room Change			
09:00 - 10:00	Plenary Session 5			
SESSION TOPIC	Epigenetic and Microbiome Immune Regulation			
Chair 1	Malgorzata Mikulska, Genoa (IT)			
Chair 2	Manuel Battegay, Basel (CH)			
TITLE 1	<i>The rationale for genetic and epigenetic causes for antibody deficiency</i>			
Presenter 1	Bodo Grimbacher, Freiburg (DE)			
TITLE 2	<i>Gut-feelings: Microbiome and Transplantation</i>			
Presenter 2	Kate Markey, Seattle (USA)			
10:00 - 10:30	COFFEE BREAK			
10:30 - 11:50	ICHS ABSTRACTS AWARDS		SSAI ABSTRACTS AWARDS	
SESSION TOPIC	<i>Best Abstracts of Infection & Immunity: What's new and exciting?</i>		<i>Best Abstracts of Infection & Immunity: What's new and exciting?</i>	
Chair 1	NN		NN	
Chair 2	NN		NN	
TITLE 1	<i>Clinical</i>		<i>Clinical</i>	
Presenter 1				
TITLE 2	<i>Clinical</i>		<i>Clinical</i>	
Presenter 2				
TITLE 3	<i>Diagnostics</i>		<i>Diagnostics</i>	
Presenter 3				
TITLE 4	<i>Diagnostic/Translational</i>		<i>Diagnostic/Translational</i>	
Presenter 4				
TITLE 5	<i>Translational</i>		<i>Translational</i>	
Presenter 5				
11:50 - 12:30	ABSTRACT AWARDS AND CLOSING CEREMONY			
	FAREWELL & OUTLOOK			
	Mike Recher, Hans H. Hirsch & Murat Akova			
Color legend:	ICHS sessions	Joint sessions	SSAI sessions	Industry symposia