

MONDAY, October 2, 2017

ROOM	TIME	SPEAKER	TITLE
Grand WEST	6:30 – 7:50	Breakfast Symposium - Sponsored by Baxter Panel Discussion: Extra Corporeal CO2 Removal (ECCO2R)	
			No CME
Concourse	6:00 – 17:00	REGISTRATION OPEN	
Vide Foyer	7:00 – 8:00	Coffee & Tea Served	
Grand EAST	Plenary RCT		
	Moderators:	B Kavanagh	N Ferguson A Fox-Robichaud
	8:00-8:15	M Amato	Lung Recruitment in ARDS - The ART Trial
	8:15-8:20	T Thompson	Editorial Comment
	8:20-8:30		Discussion
Grand EAST	50 Years of ARDS... Epidemiology		
	Moderators:	T Thompson	F Lamontagne
	8:30-8:50	N Ferguson	Do We Still Need ARDS?
	8:50-9:10	L Ware	Is ARDS Important to Recognize?
	9:10-9:30	J Laffey	Impact of Income on Outcome
	9:30-9:50	C Calfee	Defining ARDS by Molecules
	9:50-10:00		Discussion
Grand CENTRE	Does My Patient Need Fluid?		
	Moderators:	N Shapiro	D Karvellas
	8:30-8:50	A Vieillard-Baron	Mean Systemic Filling Pressure
	8:50-9:10	JL Vincent	I Still like the PA Catheter ...
	9:10-9:30	K Walley	Judging Adequacy of Volume
	9:30-9:50	J Granton	FRAUD - Fluid Related Acute Organ Dysfunction
	9:50-10:00		Discussion

Grand WEST The Frail & At-Risk Critically Ill

Moderators:	E Azoulay	MA Moga
		ORAL ABSTRACT - Opioid Prescribing After Hospital Discharge Among Elderly Chronic Opioid Users Admitted To Intensive Care Units in Ontario
8:30-8:35	HT Wang	Frailty needs a Network
8:35-8:55	J Muscedere	Screening and Outcomes
8:55-9:15	S Bagshaw	Trajectory of the Frail Elderly
9:15-9:35	P Hebert	Critical Illness & Homelessness
9:35-9:55	J Friedrich	Discussion
9:55-10:00		

Sheraton AB CCCF/CCCS - Failure to Rescue

Moderators:	K Burns	O Smith
		ORAL ABSTRACT - A Cross-Sectional Epidemiological Prevalence Survey of Patients Receiving Oxygen in a University Hospital – The “WHARF” Project
8:30-8:35	D Junhasavasdikul	The Patient's Perspective
8:35-8:55	S Robin	Early Warning, NEWS & the NHS
8:55-9:15	K Rowan	Early Warning - Kids after EPOCH
9:15-9:35	C Parshuram	EMR for Early Warning
9:35-9:55	A Fox-Robichaud	Discussion
9:55-10:00		

EXHIBIT HALL **10:00 - 10:30 BREAK**

Grand EAST 50 Years of ARDS.... Management Targets

Moderators:	C Calfee	L Munshi
10:30-10:50	A Pesenti	Blood Gases
10:50-11:10	L Brochard	Transpulmonary Pressure
11:10-11:30	M Cereda	Futuristic Imaging
11:30-11:50	M Amato	Electrical Impedance Tomography
11:50-12:00		Discussion

Grand CENTRE Early Goal-Directed Therapy

Moderators:	K Walley	S Lapinsky
10:30-10:50	N Shapiro	EGDT - There & Back Again
10:50-11:10	K Rowan	EGDT - The Final Chapter?
11:10-11:30	C Seymour	Protocolized EGDT - Lessons from NYC
11:30-11:50	C Natanson	EGDT and Government Endorsement
11:50-12:00		Discussion

Grand WEST Interdisciplinary Quality Care

Moderators:	D White	L Burry
10:30-10:50	MA Moga	Safety Culture: What, Why and How
10:50-11:10	A Amaral	What do we really do during inter-professional rounds?
11:10-11:30	F Machado	Checklists and multidisciplinary rounds: do they work?
11:30-11:50	J Kahn	Are checklists a good quality improvement tool?
11:50-12:00		Discussion

Sheraton AB CCCF/CCCS - Competency by Design in CCM

Moderators:	M Sen	D Piquette
10:30-10:50	P Couillard	Frank Rutledge Award Lecture
10:50-11:10	F Bhanji	CBD in CCM
11:10-11:30	A Kuper	CBD - Irrefutable?
11:30-11:50	W Tavares	CBD - Assessment, Strategies & Pitfalls
11:50-12:00		Discussion

Grand EAST Plenary

Moderators:	E Wilcox	B Cuthbertson
12:00-12:15	R Fowler, C Yarnell	End of Life Care and Immigration Status in Ontario
12:15-12:20	D White	Editorial Comment
12:20-12:30		Discussion

EXHIBIT HALL 12:30-13:30 Lunch & ePoster Sessions

Grand WEST	12:30 – 13:30	Lunch Symposium - Sponsored by Merck Improving outcomes for critically ill patients with resistant Gram-negative infections	No CME
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Grand EAST 50 Years of ARDS.... Theory & Therapy - I

Moderators:	R Stapleton	L Del Sorbo
13:30-13:35	L Chen	ORAL ABSTRACT - The ratio of Measured to Predicted Compliance: A new physiological and prognostic parameter for acute respiratory distress syndrome
13:35-13:55	A Slutsky	VALI - The Next Decade
13:55-14:15	D McAuley	Pharmacotherapy
14:15-14:35	B Kavanagh	Negative Pressure
14:35-14:55	A Combes	Extracorporeal Therapies
14:55-15:00		Discussion

Grand CENTRE Haematological Critical Care

Moderators:	J Marshall	M Detsky
13:30-13:55	E Azoulay	Thrombotic Microangiopathy
13:55-14:30	R Zarychanski	Thrombocytopenia
14:30-14:55	C Natanson	Risks of old RBCs
14:55-15:00		Discussion

Grand WEST Burnout to Resilience

Moderators:	M Herridge	C Seymour
13:30-13:35	M Shears	ORAL ABSTRACT - Continuing Connections with Bereaved Family Members: Post-Mortem Experiences From the 3 Wishes Project
13:35-13:55	S Bagshaw	Moral Distress and Burnout - Clinicians
13:55-14:15	C Parshuram	Moral Distress - Paediatric ICU
14:15-14:35	J Kahn	Resilience - Engaging Families
14:35-14:55	O Smith	Resilience - Helping Clinicians
14:55-15:00		Discussion

Sheraton AB Acute Kidney Injury

Moderators:	J Friedrich	S Magder
13:30-13:50	R Wald	Diuretics - When & How
13:50-14:10	JL Vincent	Fluids - When & Which
14:10-14:30	D Karvellas	AKI in Liver Failure
14:30-14:50	M Singer	New Insights into AKI
14:50-15:00		Discussion

EXHIBIT HALL 15:00-15:30 BREAK

Grand EAST 50 Years of ARDS.... Theory & Therapy - II

Moderators:	D McAuley	C Dos Santos
15:30-15:50	C Calfee	Stem Cells - US Perspective
15:50-16:10	L Ware	Cell-Free Hemoglobin
16:10-16:30	J Laffey	Stem Cells - Canadian Perspective
16:30-16:50	T Thompson	Carbon Monoxide
16:50-17:00		Discussion

Grand CENTRE Monitoring

Moderators:	JL Vincent	S Gray
15:30-15:50	A Pesenti	Hemodynamic Pressure Monitoring
15:50-16:10	R Arntfield	Critical Care TEE
16:10-16:30	M Ramsay	Non-Invasive Hemodynamic Monitoring
16:30-16:50	S Schwartz	When Cyanosis is the Norm
16:50-17:00		Discussion

Grand WEST The AC Bryan Symposium - Physiology in Critical Care

Moderators:	B Kavanagh	G Douflé
15:30-15:50	M Singer	We Need to Rediscover Physiology
15:50-16:10	S Magder	Evolutionary Role of the Right Heart
16:10-16:30	A Vieillard-Baron	Titrating Ventilation by ECHO
16:30-16:50	T Yoshida	Regional Distending Pressure
16:50-17:00		Discussion

Sheraton AB Optimal End-of-Life Care

Moderators:	M Meade	A Baker
15:30-15:50	D White	What is Shared Decision Making?
15:50-16:10	L Hawryluck	When the Law and Best Interests Collide?
16:10-16:30	D Cook	Goals - Compassion and Humanism
16:30-16:50	J Downar	Who needs Bereavement Support?
16:50-17:00		Discussion

Grand EAST Plenary

Moderators:	D Piquette	J Granton
17:00-17:30	M Tobin	Is Medicine Art or Science?
17:30-17:40		Discussion

EXHIBIT HALL 17:30-19:00 **WELCOME RECEPTION**

TUESDAY, October 3, 2017

ROOM TIME SPEAKER TITLE

Grand WEST **6:30– 7:50** **Breakfast Symposium - Sponsored by Baxter
Fluid Management - A Balancing Act with Dr. Sean Bagshaw** No CME

Concourse **7:00 – 17:00** **REGISTRATION OPEN**

Vide Foyer **7: 00 – 8:00** **Coffee & Tea Served**

Grand EAST Plenary Address - CIHR-ICRH/CCCS Distinguished Lecturer Award in Critical Care Sciences

Moderators: K Burns D Scales B Rowe
8:00:8:25 D Cook Distinguished Lecture in Critical Care
8:25-8:30 Discussion

Grand EAST Physiology & Mechanical Ventilation

Moderators: L Brochard T Yoshida
8:30-9:00 M Tobin The Physiology of Mechanical Ventilation
9:00-9:25 M Cereda Alveolar Mechanics during Ventilation
9:25-9:50 T Mauri Using Esophageal Pressure
9:50-10:00 Discussion

Grand CENTRE Mechanisms of Sepsis - Open Pediatrics - Pediatric Critical Care Coming of Age

Moderators: L Ware C Dos Santos
8:30-8:35 A Binnie ORAL ABSTRACT - Epigenetics of Sepsis: Early sepsis is characterized by alterations in the DNA methylation patterns of many sepsis-associated genes
8:35-9:05 J Wardenburg Why Bacteria Invade?
9:05-9:30 H Wong Exploiting Pathogenic Genes
9:30-9:55 M Singer Pathogenic Responses in Patients
9:55-10:00 Discussion

Grand WEST Improving Long-Term Outcomes

Moderators:	E Wilcox	S Bagshaw
8:30-8:50	K Rowan	Long Term Survival Patterns - UK
8:50-9:10	J Iwashyna	Peer support - Improving Survival
9:10-9:30	R Stapleton	Outcomes - With Exercise & Amino Acids
9:30-9:50	B Cuthbertson	Early Rehabilitation - All Good?
9:50-10:00		Discussion

Sheraton AB CCCF/CCCS - Leadership...TED Talk Style

Moderators:	J Marshall	A Amaral
8:30-8:50	D Zygun	Administration - Forming a Department
8:50-9:10	JL Vincent	International Professional Societies
9:10-9:30	A Fox-Robichaud	Women, Leadership & CCM
9:30-9:50	D Cook	Discussion
9:50-10:00		

EXHIBIT HALL 10:00 - 10:30 BREAK

Grand EAST Extra-Corporeal CO2 Removal (ECCO2R)

Moderators:	N Ferguson	T Humpl
10:30-10:50	E Fan	Why remove CO2?
10:50-11:10	D McAuley	ECCO2R - Why an RCT?
11:10-11:30	D Brodie	Why ECCO2R for COPD?
11:30-11:50	A Pesenti	The Future of ECCO2R
11:50-12:00		Discussion

Grand CENTRE Epidemiology, Trends and Big(ish) Data-Open Pediatrics - Pediatric Critical Care Coming of Age

Moderators:	C Parshuram	N Adhikari
10:30-10:50	H Wunsch	Getting it Wrong with Large Datasets
10:50-11:10	A Randolph	Using Big Data to Inform Care
11:10-11:30	H Gershengorn	Big Data informs Invasive Monitoring
11:30-11:50	M Campbell	How Fragile are Critical Care Trials?
11:50-12:00		Discussion

Grand WEST The Brain Under Pressure

Moderators:	F Taccone	V McCredie
10:30-10:50	G Citerio	Managing ICP
10:50-11:10	F Lamontagne	Impact of Vasopressors
11:10-11:30	AM Guerguerian	Resuscitation after Brain Injury
11:30-11:50	A Turgeon	Decompression & TBI
11:50-12:00		Discussion

Sheraton AB Critical Care Education

Moderators:	C Lee	D Hall
10:30-10:50	S Dev	Achieving Stickiness
10:50-11:10	B Mema	From Rehearsal to Premiere
11:10-11:30	D Piquette	Maintaining Competence
11:30-11:50	R Brydges	Preparing for Future Learning
11:50-12:00		Discussion

Grand EAST Mid-Day Plenary Pro-Con Debate

Moderators:	S Dhanani	A Baker
12:00-12:15	R Truog	The Dead Donor Rule Should End!
12:15-12:30	S Shemie	The Dead Donor Rule Should Stay!
12:30-12:45		Discussion

Grand CENTRE 12:30- 13:30 Critical Care Canada Society AGM

EXHIBIT HALL 12:45-13:30 Lunch & ePoster Sessions

Grand WEST 12:15- 13:15 Lunch Symposium - Sponsored by Fisher & Paykel Optiflow™ Nasal High Flow Across the care continuum No CME

Co-Chairs: B Kavanagh, L Brochard

Grand EAST Deceased Donation I

Moderators:	S Beed	J Singh
13:30-13:45	D Scales	Canada
13:45-14:05	P Murphy	The UK
14:05-14:25	M Sharpe	Donation in MAID
14:25-14:35	A Kramer	Donor Referral - Earlier is better
14:35-14:45	A Healey	Donor Referral - Best to wait
14:45-15:00		Discussion

Grand CENTRE The Inflamed Brain - Open Pediatrics - Pediatric Critical Care Coming of Age

Moderators:	R Geocadin	J Mazwi
13:30-13:50	M Ramsay	Monitoring the Brain: What are We Thinking
13:50-14:10	F Taccone	Cardiac Arrest - Prognostication
14:10-14:30	J Hutchison	Inflammation Impacting the Brain
14:30-14:50	B Steinberg	The Brain Impacting Inflammation
14:50-15:00		Discussion

Grand WEST ECMO – Multi Organ Implications

Moderators:	A Pesenti	A Slutsky
13:30-13:50	L Del Sorbo	Ventilator-ECMO Interactions
13:50-14:10	D Brodie	Protecting Muscle with Early Mobilization
14:10-14:30	A Combes	Preventing Stroke or Hemorrhage
14:30-14:50	R Kirsch	How Long to Wait for Recovery?
14:50-15:00		Discussion

Sheraton AB Critical Care Nutrition

Moderators:	R Stapleton	R Zarychanski
13:30-13:50	M Singer	Fat – friend or foe?
13:50-14:10	AL Sutt	Oral feeding in ventilated patients
14:10-14:30	A Floh	Parenteral Nutrition in Children
14:30-14:50	J Drover	Canadian Practice Patterns
14:50-15:00		Discussion

EXHIBIT HALL **15:00-15:30 BREAK**

KENSINGTON, 4th floor **15:00-17:00 Auxiliary Meeting**
 All Welcome Pleural Pressure Working Group (PLUG) Meeting
 Applied respiratory Physiology at the bedside

Grand EAST Deceased Donation II

Moderators:	S Keenan	G Isac
15:30-16:00	P Murphy	Organ Donation Challenges in the UK
16:00-16:45	S Dhanani	Panel - Donation Support Physician on Call: What would you do? Panelists: A Healy, M Weiss, S Beed, P Murphy, J Pagliarello
16:45-17:00		Discussion

**Grand CENTRE Preventing Adverse Events – Just Try Harder?
Open Pediatrics - Pediatric Critical Care Coming of Age**

Moderators:	H Wunsch	H Mtaweh
15:30-15:50	D Scales	Attributable Harm – Do Lower Scores Help?
15:50-16:10	P Laussen	Predicting and Preventing – Proof of Concept

Grand CENTRE Permissive Norms in Critical Care - Open Pediatrics - Pediatric Critical Care Coming of Age

16:10-16:30	P Hebert	Lessons from Hemoglobin in Adults
16:30-16:50	C Natanson	Lessons from SpO2 in Neonates
16:50-17:00		Discussion

Grand WEST Delirium

Moderators:	AM Guerguerian	D Griesdale
15:30-15:50	J Singh	Recognition and Management
15:50-16:10	D Zygun	A Population-Based Approach
16:10-16:30	K Bosma	Links to Sleep
16:30-16:50	L Burry	Preventing with Melatonin
16:50-17:00		Discussion

Sheraton AB Infections & Antibiotics

Moderators:	P Hebert	F Machado
15:30-15:50	J Wardenburg	Microbiome Patterns and Sepsis
15:50-16:10	J Muscedere	Prevent Infections with Lactoferrin - An RCT
16:10-16:30	A Kumar	Septic Shock - Drug Effectiveness & Baseline Risk
16:30-16:50	F Taccone	Toxicity of Beta-Lactams
16:50-17:00		Discussion

Grand EAST Plenary

Moderators:	H Wong	C Seymour
17:00-17:30	J Marshall	The Gut in Critical Illness: A history in 5 acts
17:30-17:45		Discussion

EXHIBIT HALL 17:00-18:00 Deceased Donation Reception (Invite only)

Sheraton AB 18:00-19:00 Neurocritical Care Society Meeting

WEDNESDAY, October 4, 2017

ROOM	TIME	SPEAKER	TITLE
Grand WEST	6:30– 7:50	Sunrise Breakfast - Sponsored by Trillium Gift of Life By Invite only	No CME

Concourse	7:00 – 13:00	REGISTRATION OPEN	
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Vide Foyer	7: 00 – 8:00	Coffee & Tea Served	
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Grand EAST	Plenary Address		
	Moderators:	S Shemie	A Kramer
	8:00-8:25	P Murphy	Donation after Cardiac Death in the UK
	8:25-8:30		Discussion

Grand EAST	DCD Hearts - Resuscitating the Heart After Death		
	Moderators:	S Shemie	A Baker
	8:30-9:00	S Messer	The Papworth in situ Program
	9:00-9:30	P Macdonald	The Australian ex vivo Program
	9:30-9:50	D Freed	Future Research Directions
	9:50-10:00		Discussion

Grand CENTRE	Targets During Mechanical Ventilation		
	Moderators:	M Amato	K Bosma
	8:30-8:50	M Herridge	Protecting Muscle, Nerve, Brain - or Lung?
	8:50-9:10	E Goligher	Myotrauma & Muscle Protection
	9:10-9:30	D Georgopoulos	Dyssynchrony & Duration of Ventilation
	9:30-9:50	C Dos Santos	Bedside Biomarkers
	9:50-10:00		Discussion

Grand WEST	The WJ Sibbald Symposium - Critical Care Systems		
	Moderators:	R Fowler	H Wunsch
	8:30-8:35	A Hall	ORAL ABSTRACT - Association Between After-Hours Discharge from the Intensive Care Unit and Mortality
	8:35-8:55	J Kahn	Pay for Performance - The US
	8:55-9:15	L Huang	Systems of Safety - Canada
	9:15-9:35	S Bagshaw	ICU Strain - Causes & Impact
	9:35-9:55	H Gershengorn	The 24/7 ICU
	9:55-10:00		Discussion

Sheraton AB ICRH/CCCS Young Investigators Session - Part 1

Moderators:	J Tsang	E Charbonney	C Dos Santos
8:30-8:35		Welcome	
8:40-8:55	K Walley	Career Paths & Personal Growth	
9:00-9:15	F Machado	Challenges and Opportunities	
9:20-9:40	C Calfee, K Burns, F Machado, M Kho	Hands-on Group Session	
9:40-10:05	Moderators: K St-Cyr, C Calfee, B Rowe, F Machado, J Marshall	Rapid Fire Trainee Presentations	

EXHIBIT HALL **10:00 - 10:30 BREAK**

Grand EAST DCD Hearts - Resuscitating the Heart After Death

Moderators:	S Shemie	A Baker
10:30-11:00	R Truog	Bioethical Perspectives in DCD Hearts
11:00-11:45	S Shemie	Panel - What is the Right Technique Panelists: A Baker, R Truong, B Kavanagh, P Murphy
11:45-12:00		Discussion

Grand CENTRE Sepsis Frontiers

Moderators:	A Kumar	A Randolph
10:30-10:50	K Walley	Genes - Association & Cause
10:50-11:10	N Shapiro	Microcirculation
11:10-11:30	H Wong	Endotypes - Kids & Adults
11:30-11:50	L McIntyre	Cellular Immunotherapy - Phase I Results
11:50-12:00		Discussion

Grand WEST Cardiac Arrest

Moderators:	D Scales	D Griesdale
10:30-10:50	J Iwashyna	Recovery at 1 Year
10:50-11:10	R Geocadin	Targeted Temperature in 2017
11:10-11:30	M Sekhon	Emerging Therapies - Beyond Temperature Control
11:30-11:50	E Fan	A Role for e-CPR?
11:50-12:00		Discussion

Sheraton AB ICRH/CCCS Young Investigators Session - Part 2

Moderators:	M Sen	D Piquette	M Kim
10:30-10:55	S Strauss	Mentorship & Beyond	
11:00-11:10	M Sen	Practical Skills for Mentorship Engagement	
11:10-11:20	J Tsang	Community Clinician-Scientists	
11:20-11:30	M Kim	Taking Ownership of YOUR Career	
11:30-11:55	B Rowe	Presenting Yourself and Your Research	
11:55-12:00	A Fox-Robichaud	Questions & Closing Remarks	

Grand EAST Plenary - Sepsis Forum

Moderators:	N Ferguson	F Machado
12:00 - 12:15	P Walker	Treatments for Septic Shock: New Insights from the EUPHRATES Trial
12:15-12:20	A Gordon	Editorial Comment

EXHIBIT HALL **12:30-13:30 Lunch & ePoster Sessions**

Grand WEST 12:30- 13:30 Lunch Symposium - Sponsored by Medtronic PAV+ ... Closing the loop between the patient and ventilator No CME

Grand EAST Precision Medicine

Moderators:	N Shapiro	E Goligher
13:30-13:55	A Gordon	Precision Medicine in Sepsis
13:55-14:20	C Calfee	Precision Medicine in ARDS
14:20-14:45	M Herridge	Precision Medicine in Long-Term Follow Up
14:45-15:00		Discussion

Grand CENTRE Liberation from Ventilation

Moderators:	M Meade	AL Sutt
13:30-13:50	A Randolph	Extubation Readiness - Children
13:50-14:10	K Burns	Best SBT - Clinical Meta-Analysis
14:10-14:30	L Brochard	Best SBT - Physiologic Meta-Analysis
14:30-14:50	P Juni	Resolving Discordant Meta-Analyses
14:50-15:00		Discussion

Grand WEST Prognosis, Limits, and Exceptional Circumstances

Moderators:	R Kirsch	L Hawryluck
13:30-13:50	M Detsky	Accurate Prognostication?
13:50-14:10	D White	Prognosis - Why Misperceptions?
14:10-14:30	D Brodie	Limiting Treatment in the ECMO Era
14:30-14:50	G Citerio	Organ Donation in eCPR
14:50-15:00		Discussion

GRAND BALLROOM FOYER **15:00-15:30 BREAK**

Grand EAST Treating & Studying Brain Injury

Moderators:	J Hutchison	M Chapman
15:30-15:50	D Griesdale	Multimodal monitoring to individualize care
15:50-16:10	V McCredie	Multimodal monitoring to generalize care
16:10-16:30	A Turgeon	How should clinical trials in brain injury be designed?
16:30-16:50	M Meade	Clinical trials in deceased donation - Why so hard?
16:50-17:00		Discussion

Grand CENTRE Minimizing Impact of Ventilation

Moderators:	J Friedrich	L Brochard
15:30-15:50	L Munshi	Too Much O2?
15:50-16:10	AL Sutt	Speaking Valves
16:10-16:30	D Georgopoulos	Proportional Assist
16:30-16:50	M Amato	Driving Pressure & Spontaneous Breathing
16:50-17:00		Discussion

Grand WEST Clinical Trials

Moderators:	L McIntyre	N Adhikari
15:30-15:50	J Muscedere	Outcomes for RCTs - Patient Preferences
15:50-16:10	J Iwashyna	Outcomes for RCTs - Maximizing Informativity
16:10-16:30	M Campbell	Registry-Based Clinical Trials - the Future?
16:30-16:50	R Fowler	Bayesian Trials - Exploiting your Bias
16:50-17:00		Discussion