



« Les rencontres du management » Series :

Tuesday 8 November 2022

- ISM-IAE
- Université de Versailles Saint Quentin en Yvelines
- Université de Paris-Saclay

Managing diversity at the workplace: theory and practice from a Malaysian perspective

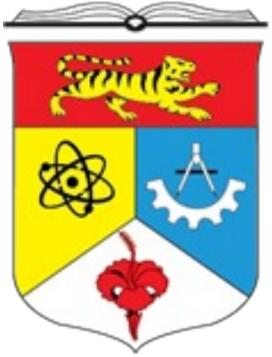
- Kartini Aboo Talib
- Eric Olmedo

Managing Diversity in Organizations
The Malaysian
Experience

PART 1

Prof. Dr. Kartini Aboo Talib @ Khalid
Institute of Ethnic Studies (KITA)
Universiti Kebangsaan Malaysia
8th November 2022

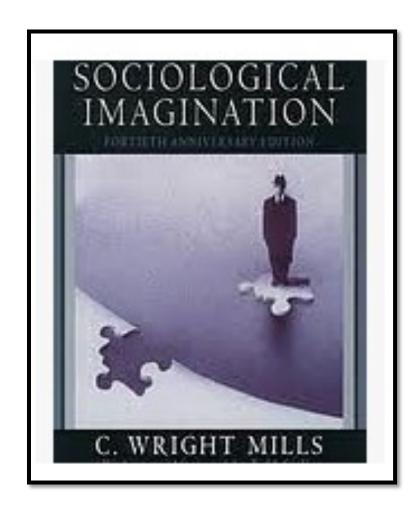




Universiti Kebangsaan Malaysia

National University of Malaysia

Introduction



Knowledge is crucial for social change

- Structure
- History
- Biography



Sociological Imagination

Structure

State, Society and Market

History

Pre-colonial, Colonial and Post-colonial

Biography

Individual, Family and Community

Groeneveldt's Notes on the Malay Archipelago and Malacca.

By W. GEORGE MAXWELL.

I opened the preceding article on the tapir with a quotation from Greeneveldt's "Notes on the Malay Archipelago and Malacca," and new set down a few miscellaneous ideas, which can only be considered as guesses, suggested by a perusal of that book.

1

On page 143 of the Notes as they appear in the "Miscellaneous Papers relating to Indo-China and the Indian Archipelago," reprinted for this Society by Trübner & Co: in 1887, the following words occur in the translation of that part of the history of the Sung dynasty (960-1279) which gives an account of Java:—

"In their language pearls are called mutiara, ivory they call kara, incense kun-tun-lu-lin, and the rhinoceros ti-mi."

Groeneveldt in a footnote gives the Chinese ideographs which he has transcribed as above, and adds that he has been unable to trace the last three to their original form—Mutiara is represented by 沒多數是

Kara by 家羅

Kun-tun-lu-lin by 鼠墩盧林

ti-mi by 低蜜

Whether mutiara means a pearl in Javanese I am unable to say, but it is certainly the Malay word for it; and it seems probable that, Malay being the *lingua franca* of the Far East, that Malay and not Javanese is the language indicated.

Jour. Straits Branch R.A. Soc., No. 52, 1908

Groeneveldt's Notes on the Malay Archipelago and Malacca

W. George Maxwell

Journal of the Straits Branch of the Royal Asiatic Society No. 52 (MARCH, 1909), pp. 105-110 (6 pages)

Evolution

1. Pluralism

2. Plurality

3. Diversity

4. Super-diversity?





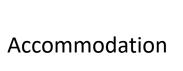




Social process and community



Assimilation





Acculturation

Amalgamation



MALAYSIA: Unity in Diversity

Accommodation

- Vernacular education
- Race-based politics
- Constitutional monarchy









MALAYSIA: Unity in Diversity

Acculturation

- Words similarities (video)
- Youtube link at https://www.youtube.com/watch?v=FbhCU3oqhsM

Words similarities (Portugese, Dutch and Bahasa)

Jendela Keju Sekolah/Escola

Sepatu Salam Roda

Almari Ummah Tapau

Bandera Kemeja Kueh

MALAYSIA: Unity in Diversity



NEGERI SEMBILAN





KOTA KINABALU

BRUNEI

SABAH

Amalgamation

- Baba-Nyonya Peranakan
- Cina Peranakan Kelantan
- Jawi Peranakan
- Cindian community
- IndigenousSabah/Sarawak

Foods Heaven – Diversity taste





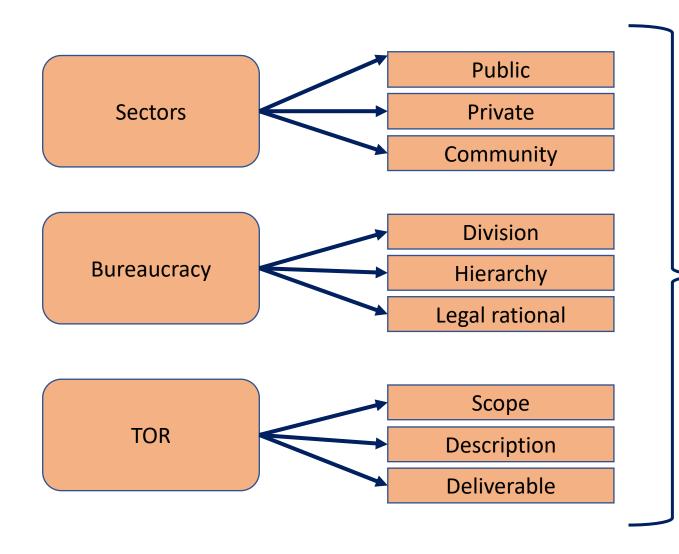








Diversity in organizations





Ethics and Etiquette

- Malaysians generally are polite, humble and display a great hospitality
 - Shaking hands is common [but SOP COVID-19 there is a new normalization thus handshaking is discouraged temporarily]
 - Modern Malaysians share many universal values in accordance to work ethics, etiquette in dining, proper attire, addressing status, rank & class, etc.
- Easy words to learn and practice
 - Selamat pagi = Good Morning/ Bonjour
 - Apa khabar? = how are you?/ comment ca va?
 - Terima kasih = Thank you/ Merci
 - Silakan = Please / sil vous plait
 - Berapa harga? = how much? Combien?









"Les rencontres du Management" series

Managing diversity at the workplace: theory and practice from a Malaysian perspective

PART 2

Eric Olmedo

LOCATING THE DISCUSSION

MAIN PARADIGM

MAIN ASSUMPTION

TRANSFER OF TECHNOLOGY

• EVERY TECHNOLOGY IS CULTURALLY CONDITIONED



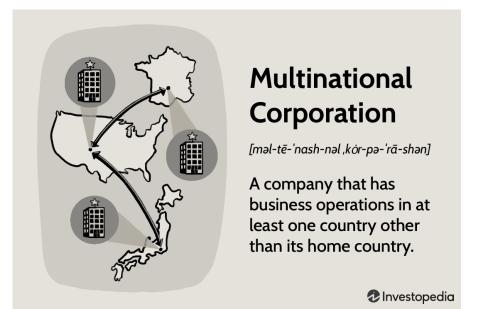
WORKING HYPOTHESIS

CULTURE AS OBSTACLE

Culture stands in the way...

... of economic expansion

(De Rudder, 1985; Hofstede, 1991)



DUPLICATION IS REMEDIATION

The global corporate dream:

 Branch organisations/factories as cultural duplicates of the original.

OPERATIONALISING THE HYPOTHESIS

• KEY-CONCEPT: ANTHROPOTECHNOLOGY (WISNER, 1997)

The systematic and sophisticated processes of transfer, related to the international development multinational corporations, are a striking example: "The negotiator (in charge of the transfer of technology) in this is certainly considering the compelling success of the isolates that are to be found in all countries, even in the poorest ones: airports, international prestige hotels, offices of UN agencies:

These "anthropotechnological islands" are characterized by the perfect or at least satisfying functioning of complex technical ensembles" (Wisner 1997: 205).

THE TOOL BOX

THE ANTHROPOTECHNOLOGICAL ISLAND

• Wisner (1997) proposes the following definition:

"Generally speaking, these are companies which – not unlike those that sell the same product in the entire world – must obtain the same quality in all production units, that become consequently interchangeable. In order to reach standardisation of products, these companies transfer similar techniques and systems: not only machines, but also work organisation, as well as a training systems. (Wisner 1997: 35)."

THE TOOL BOX

A promising statement:

"The whole system is so close to the one of the country of origin that we can observe identical pathologies (i.e.: nervous breakdowns within sector of new technologies) but also similar benefits (few accidents at the workplace, low staff turnover, little absenteeism). It is interesting to notice that employees seem to behave and perform better on these anthropotechnological islands when transfer of techniques could succeed." (Wisner 1997: 36)

TESTING THE HYPOTHESIS

Do anthropotechnological islands really work on the ground?

• 1. Do they tend to actually "remove" cultural obstacles?

 2. What are the objective benefits and setbacks of AI as an HRM tool to optimise technology transfer?

2 CASE-STUDIES IN MALAYSIA

 AEROSPACE MANUFACTURING INDUSTRY SECTOR

• LUXURY HOTEL INDUSTRY SECTOR





CASE STUDY 1

AEROSPACE MANUFACTURING

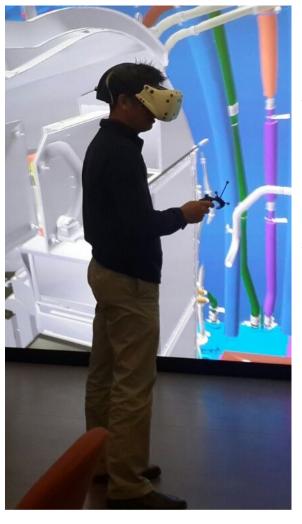
The VIRISTAM PROJECT (2015-2017)

VIRTUAL REALITY IMMERSIVE TRAINING FOR AEROSPACE MANUFACTURING



Power wall, 3D view, fly stick, haptic arm

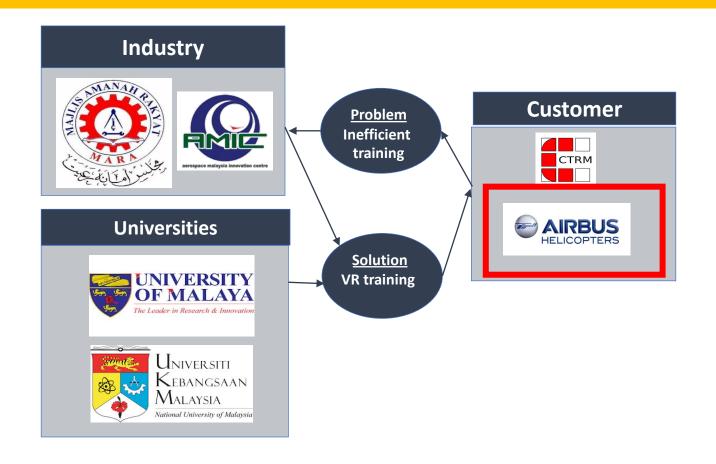




VR Lab
Installed in
AMIC-AAC
R&T in GMI

Head Mounted Display(HMD)

VIRISTAM Consortium Members



Kuala Lumpur 11/6/22

VIRISTAM Project Rationale: Technology Transfer

OBJECTIVE



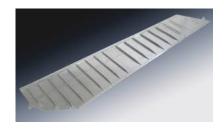
OPTIMISING TRAINING TIME AND COST EFFECTIVENESS FOR DRILLING TECHNICIANS



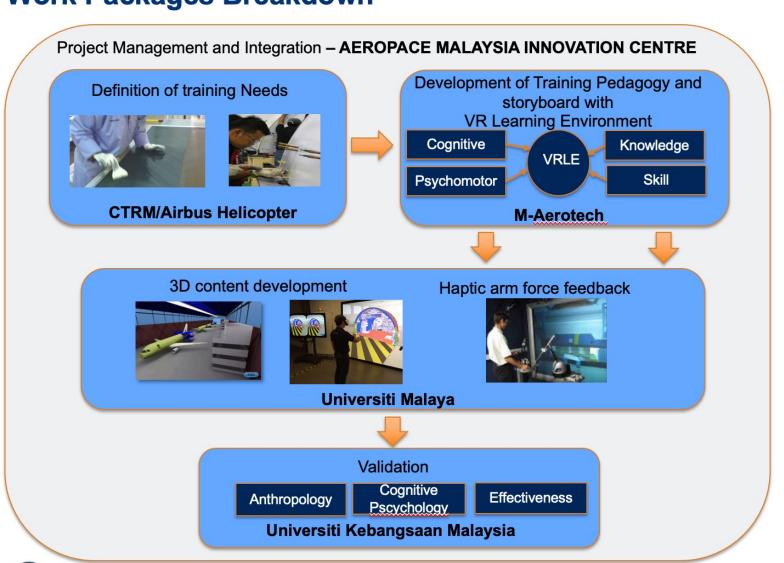




- ☐ Successful deployment in Airbus Group
- ☐ Envisaging technology transfer to CTRM Malaysia
- ☐ Current situation:
 - □ staff turnover to high (>30%)
 - ☐ Scrap, defects and discard too high on production chain
 - ☐ Ergonomic and workplace accident issues



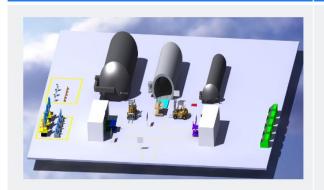
Work Packages Breakdown





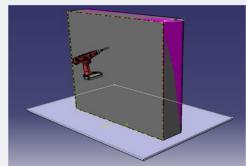
Use Case Selection

Auto-Clave Loading Process (CTRM)



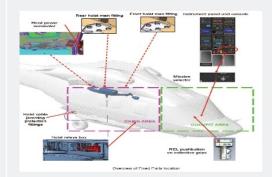
- Learning objective is focused on the Process of loading and unloading of the autoclave
- No haptic feedback
- Basic 3D modelling
- Basic kinematics

Drilling and Countersink+ 1 more TBD (CTRM)



- Trainees are exposed to the jig and tools of the process
- Focus is on the <u>handskill</u> required for the drilling task
- development of mathematical model for force feedback system

Search and Rescue (Airbus Helicopter)



- Trainees are exposed to the helicopter environment and safety protocols
- With haptic feedback
- Complex 3D modelling
- Complex kinematics
- Focus on the <u>handskill</u> to manoeuvre the hoist and helicopter

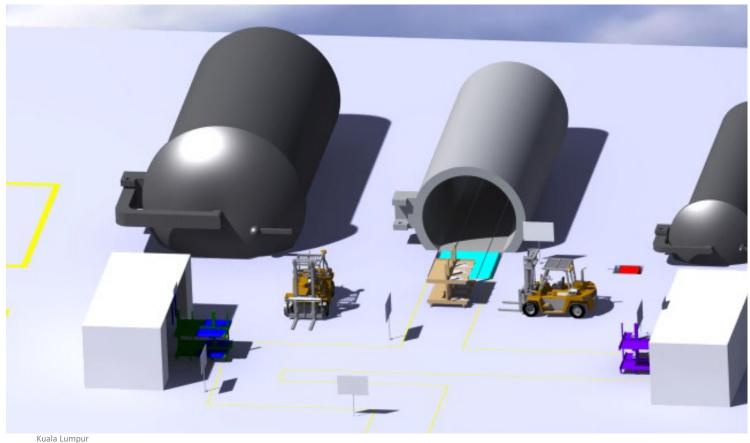
Workplace Familiarization

Simple Customer

Complex Customer Usecase



THE AUTO-CLAVE UNIT



- PURPOSE: CURING **COMPOSITE PANELS**
- PROCESS: FROM STORE TO **AUTOCLAVE**



FIELDWORK

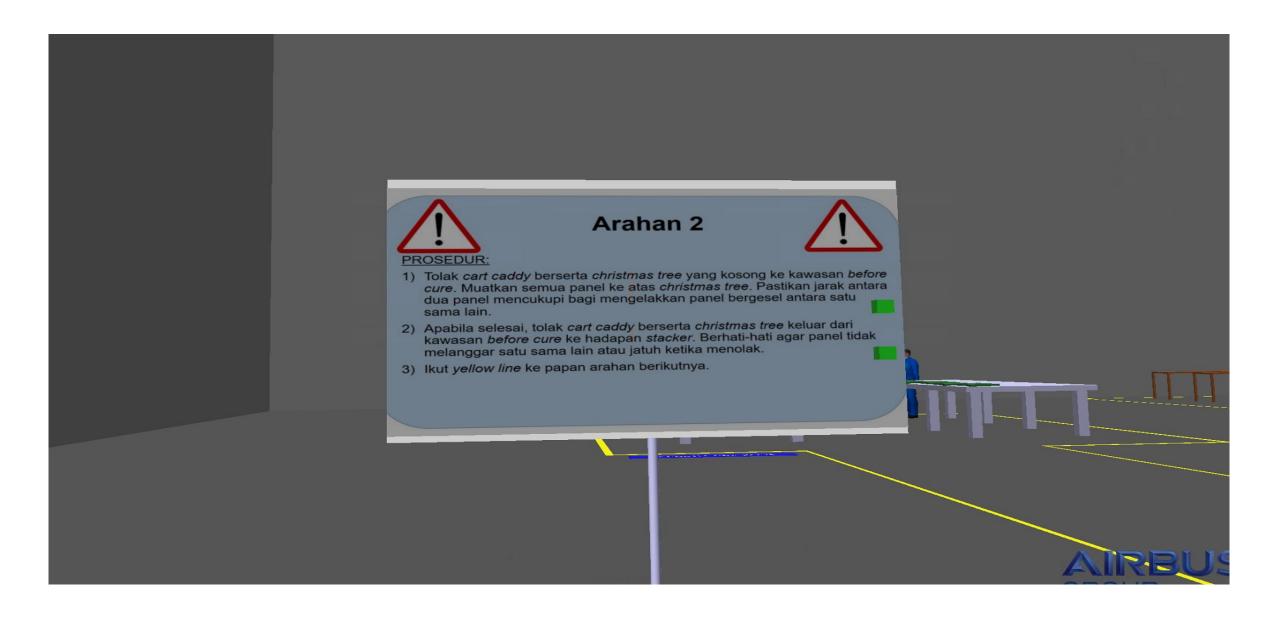
Tier 3 Supplier of AIRBUS

Location: South of the Malaysian Peninsula

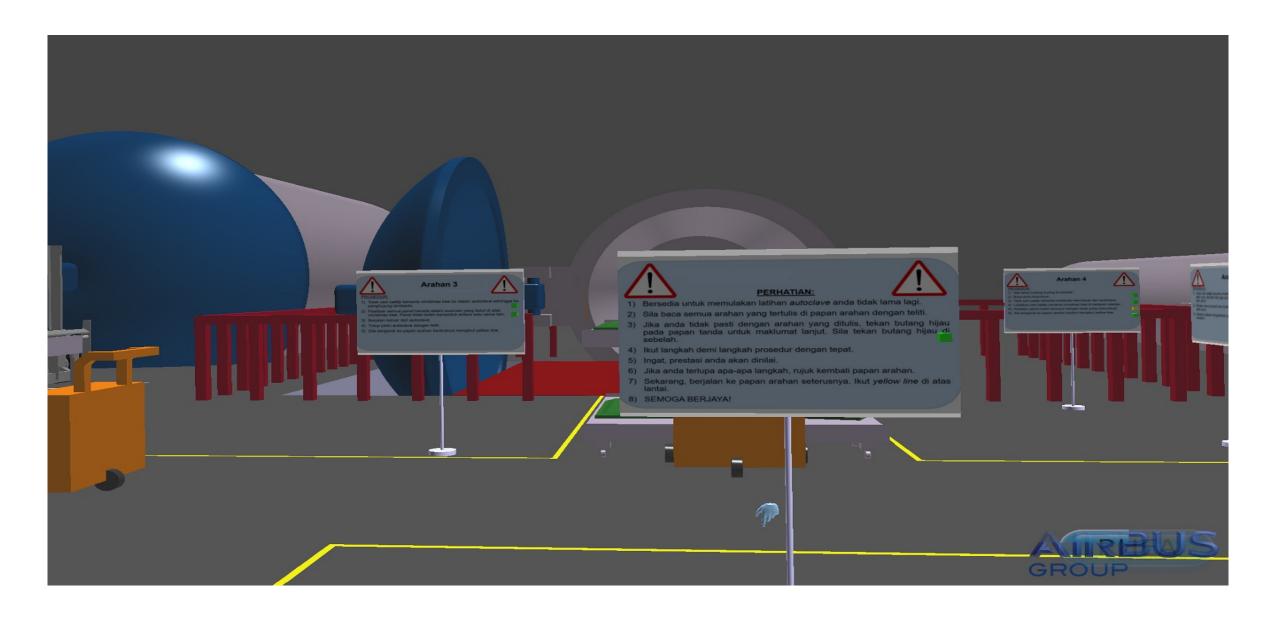
We study the safety instructions needed to be virtualized

Direct Observation of the workplace

Interviews of the staff

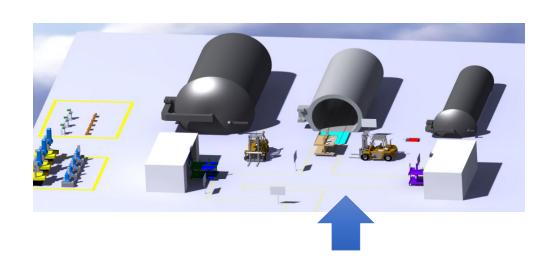


11/6/22 Kuala Lumpur



11/6/22 Kuala Lumpur

MEDIUM TESTED: INSTRUCTION BOARDS





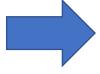
Working
Hypothesis:

Gap between
Communication
Codes:
Sender vs. Receiver

INVESTIGATING WRITTEN COMMUNICATION AT THE WORKPLACE



LOG BOOK'S EXCERPT IN CONTROL ROOM



SYSTEMATIC READING OF LOG BOOKS AND TRAINING BOOKS

(HEND CHEHT) QUEE- fless lotte curar than in militar flor 6.0 villax misio Aci - belay overwing plan is achiel. . 0104. Its all many CANG DURAL Acz - on schedule. A 3 - On behodule: (184 III) MILLEY DAGASTIO SAIR 1 WOY -AC 4 Dulay slot reft sebelum plan is a chat. TADE DISCORDED SURUR THEOLOGY BOOK TAKER LIOS PORK SERVIA. te 1 lepas slot overwing under mainfenance dani puru 1035-1100 Cleaning and services high limit to MBH dah buka. :- Rohmat malam ni pastikan mould dekat area cleanroum 2, Kalau nak bawak he tempat kita. Hose suck gantung batik. entre sint sal ACXX - FPSO/394 MITARIENT - To not 2 act 1 pagen pokal X ok CHUIC BOND SICH I'M DUNI. THEOLOGIAL c - Stof upper panel esox ade mapping, unfile arraing a datam AC. Tolong follow untik esok sahang. JUXE- HOOTALSOUPE Boeing thumbrail ade stop ron some to problem.

EXAMPLE

Instruction PROCEDURES: 1) Check the wheel alignment of the Christmas Tree on the track. 2) Push the Christmas Tree slowly into the autoclave until it reaches the end of the track. 3) Check all the panels are perfectly positioned on the Christmas Tree. 4) Walk out of the autoclave. 5) Close the autoclave's door properly.

Arahan
PROSEDUR: (come fore)/looking two).
Tree tepat di atas landasan. Pelan-pelan tolak Christmas Tree ke dalam autoclave sampai/web cate cate penghujung landasan. Pastikan semua panel terletak dalam susunan yang betul di Christmas Tree. Panel tidak boleh bergesel satu sama lain.
Berjalan keluar dari autoclave.
5) Tutup pintu autoclave dengan

REVISED INSTRUCTION BOARD — FIRST LEVEL

١.	۰	3	C	٠	
	۰	7	г	•	
		٦	,		

Indeks	Arahan			
Arahan 3	PROSEDUR:			
	1) Pastikan alignment roda cart			
	caddy tepat di atas landasan.			
	Pelan-pelan tolak cart caddy ke			
	dalam <i>autoclave</i> sampai penghujung			
	landasan.			
	Pastikan semua panel terletak			
	dalam susunan yang betul di cart			
	caddy. Panel tidak boleh bergesel			
	satu sama lain.			
	4) Berjalan keluar dari autoclave.			
	5) Tutup pintu autoclave dengan			
	teliti.			

COMMUNICATION GAPS' TYPOLOGY: Glossary & Lexicon gap

- EVIDENCE OF A SPECIFIC COMMUNICATION CODE in AUTOCLAVE UNIT:
 - Through textual analysis of Communication books (surveillance room) and instruction log books.
 - Patterns of code-switching and code-mixing
 - Generation of a structured contextual communication code integrating colloquial Malay and Mechanical Engineering-English (for Aerospace Manufacturing)
- INSTRUCTION BOARDS ARE NOT CORRECTLY UNDERSTOOD:
 - Method engineers use highbrow engineering-English

PRODUCING INTELLIGIBILITY GAPS:

AND/OR
PRODUCTIVITY
CONSEQUENCES







Sociological & anthropological reflectivity

What is the root of the problem?

Other clues



Ethnographer's bias:

International team
French+USA+Russia
Malaysian & Yemeni RAs



R&D Asia-Pacific Director:

French: married to a Chinese citizen

R&D Asia-Pacific Deputy-director:

Malaysian-Chinese Educated in Germany

He and wife: Mandarin-speakers



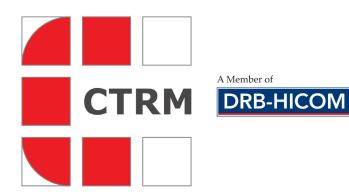
Project Manager:

Malaysian (ethnic Malay)

Educated in France

Method engineers:

Malaysians (ethnic Indians) Educated in the U.K.



Shop floor technicians: Ethnic Malays: vocational training in Melaka





Thank You



Aerospace Malaysia Innovation Centre (944751-A)

Level 1, 3517, MIGHT Building

Malaysian Industry-Government Group For High Technology
Jalan Teknokrat 5, 63000 Cyberjaya
Selangor, MALAYSIA

AMIC Corporate Services

Building 2, UST Office, CTRM Aero Composites Composites Technology City 75350 Batu Berendam Melaka, MALAYSIA

AMIC - Asia Aerospace City R&T Centre

German Malaysian Institute No 3-6-01, Jalan Ilmiah Taman Universiti, Bangi Selangor, MALAYSIA

AMIC Centre of Excellence on Sustainable Aviation

Institute of Tropical Forestry and Forest Products (INTROP)
Universiti Putra Malaysia
43400 UPM Serdang
Selangor, MALAYSIA

www.amic.my

Email: support@amic.my

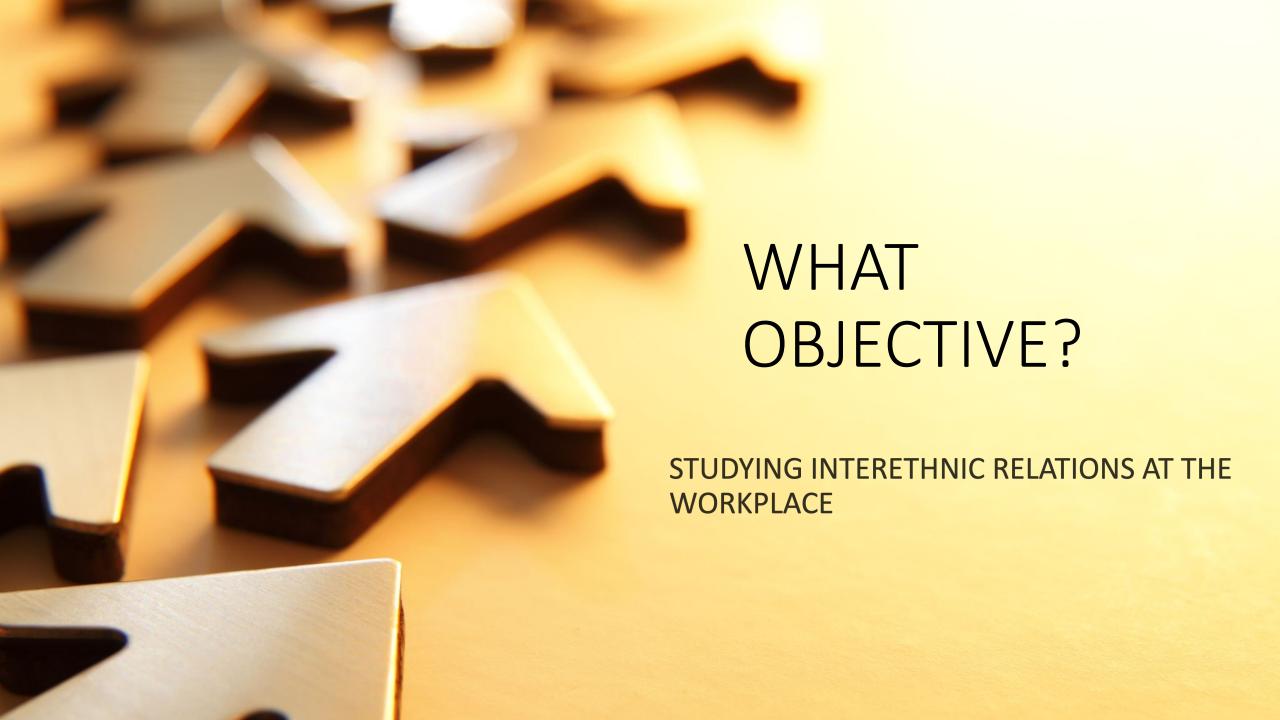
Tel/Fax: +606 317 4946



Ethnographic Tale 1

• Strawberries & Strudels





Method: participant observation

- Ethnographic survey
- No photo or video camera, no audio recorder
- **≥** Ethnographic diary
- ≥ Every night



Primary Data Collection

Method:

Participant Observation.

. Term coined by Bronislaw Malinowski (1884-1942)



Observation protocol

Very basic:

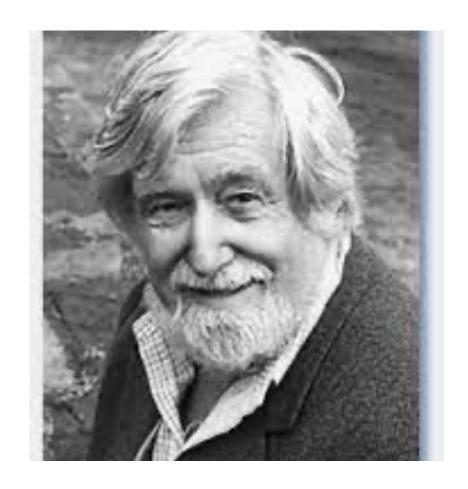
- Rotation of positions in all kitchens where there is ethnic diversity.
- Experimenting all working shifts :
 - "morning, day, evening, night.

Data transcription

Conceptual tool by Clifford Geertz :

"The Interpretation of cultures", (1973)

1. "Thick Description" (or "dense" description)



"Thick Description" at Le Méridien





Leve 1 of T.D.: Sean has not been washing strawberries



Why?



Working Hypothesis:

cultural issue. Sean was not trained in pastry craft.

"Thick Description" at Le Méridien

Level 2 of T. D.:

- Raising the concern
- Invalidating response
- → New hypothesis.
- <u>Level 3 of T.D.</u>: a Strudel story
 - Let there be light!



"Thick Description" at Le Méridien

Final hypothesis:

• Practice of « Taylorism » (« Scientific Management »)

Jean Georges
Vongerichten &
Starwood since 2006

- Alienation of workers
- Leads to demotivation
- Reactions: « shortcuts », slowing down
- Power is located upwards
 - Executive Chef: limited power

JG standards:

Breakfasts

5 tastes

"Thick Description" at Le Méridien

CONCLUSION

Know-how is culturally conditioned

Division of labour (Taylorism) removes know-how from the equation

Know-how stands at the core of professional culture

Professional Culture elevates social status

Social status engenders self-esteem

Self-esteem is a main component of identity (Kaufmann, 2005)

Sean failed in re-inventing his social identity.



The Story of Kumar

WORK ENVIRONMENT



Butchery department
Production kitchen for the
Steakhouse

Tasting the beef sausages...

INFORMANT

Kumar is 43 years old and holds the position of Junior Sous-Chef for the Butchery section.

He is Malaysian of Indian ethnicity and Hindu by religion.

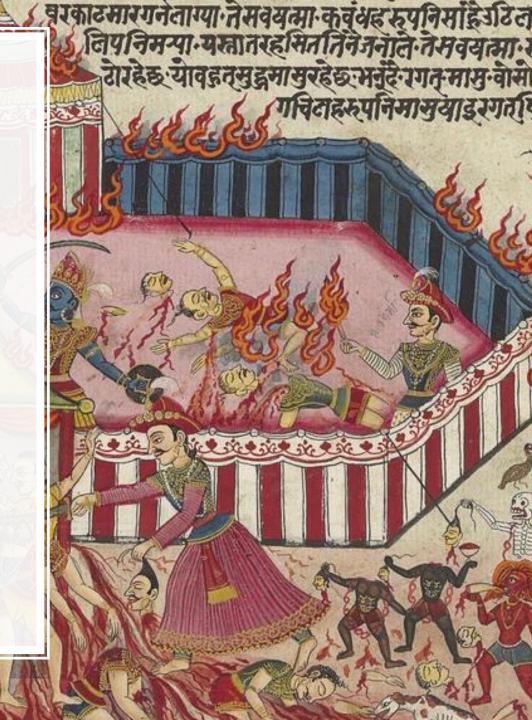
<u>Verbatim</u>:

"And then Vishnu speaks to the good brother who does not want to fight his family. He says 'if you want to be a good warrior you have to go into battle and kill your brother. Because it's your job as a warrior. Same for me *lah*... I do what I do because I'm a professional".

तेसरगाभूमिमाः तरहतरहका कडोरोरास्स पिसाचहरू आडयोवहरि

Kumar's rationalisation

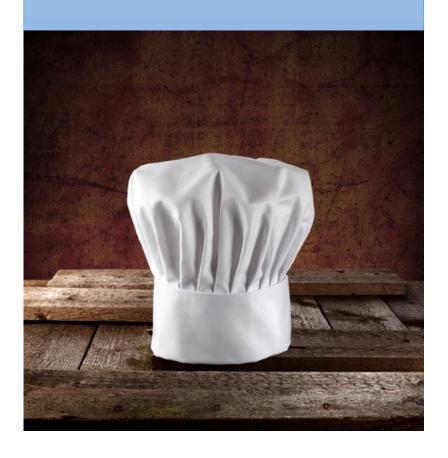
• The Mahabharata is an epic poem written in Sanskrit, considered, with the Ramayana, as one of the founding texts of Hinduism, and dating for its presumed final version, from the third century BC. The story of the Mahabharata describes a mythical war between two clans, descended from two brother-kings members of the warrior caste, the Pandus and the Kurus. Arjuna the archer, of the Courous clan, is full of doubts and scruples on the eve of going to war against his own cousins. The herdsman Krishna, avatar of the god Vishnu, advises him, telling him that to legitimize himself as a warrior, he must enter into battle; and to legitimize himself as king, he must win the war.



Theorisation

Symbolism:

- The Chef's hat
- The locker room



- Social marginalisation
 Vs.
- Psychological marginalisation

Principle of
Compartmentalisation
« Le principe de coupure »
(Bastide, 1954)





Open discussion

NUSANTARA

The archipelago
 before the
 anthropotechnological
 island

