

# Lake Tahoe



Melbourne

You are cordially invited to

# SUSY 2016

in Melbourne 4-8 July 2016, by the  
Australian Centre of Excellence for Particle Physics



Australian Government

Australian Research Council



**CoEPP**

ARC Centre of Excellence for  
Particle Physics at the Terascale



THE UNIVERSITY  
*of* ADELAIDE



THE UNIVERSITY OF  
MELBOURNE



MONASH  
University



THE UNIVERSITY OF  
SYDNEY

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PAULO

JOHANNESBURG 10,082 km

Melbourne is far away...

15,306 km

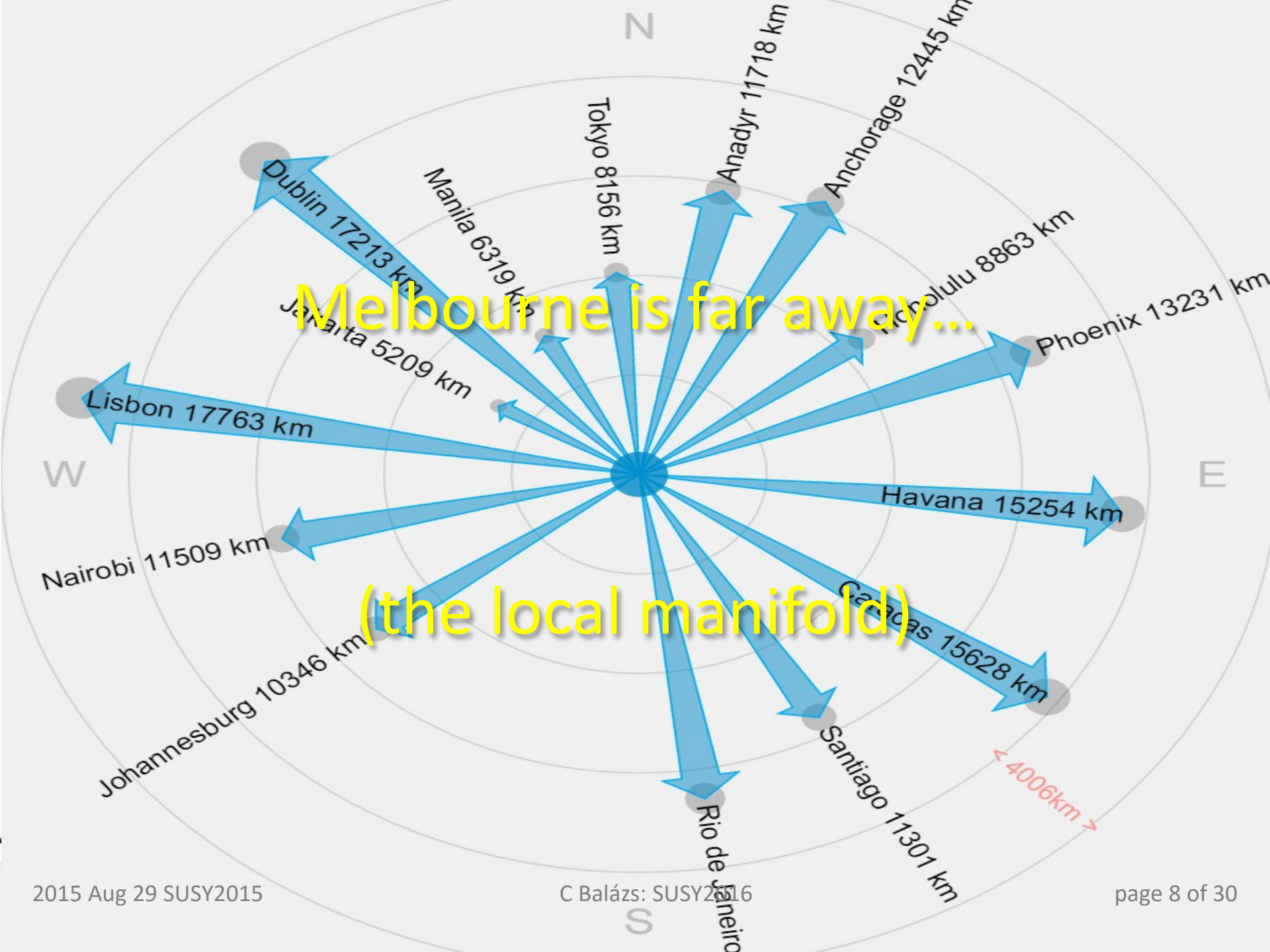
ROME

16,242 km

W YORK

LONDON

[length] = [time] = [money]







... but it's simple to connect  
(since a sphere has a simply connected surface)

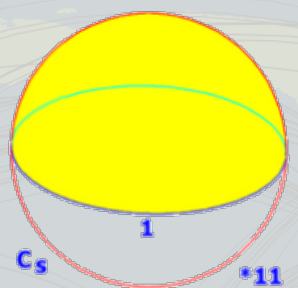
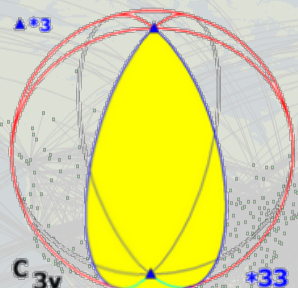
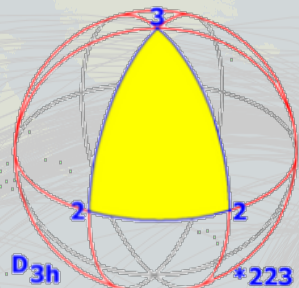
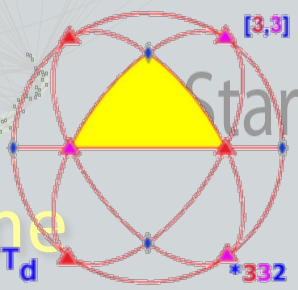
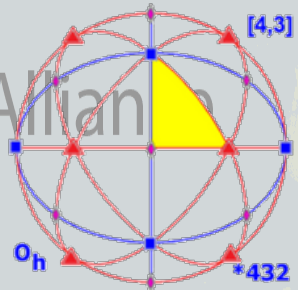
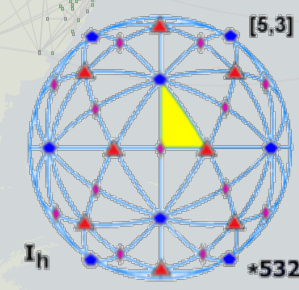


Melbourne

Star Alliance



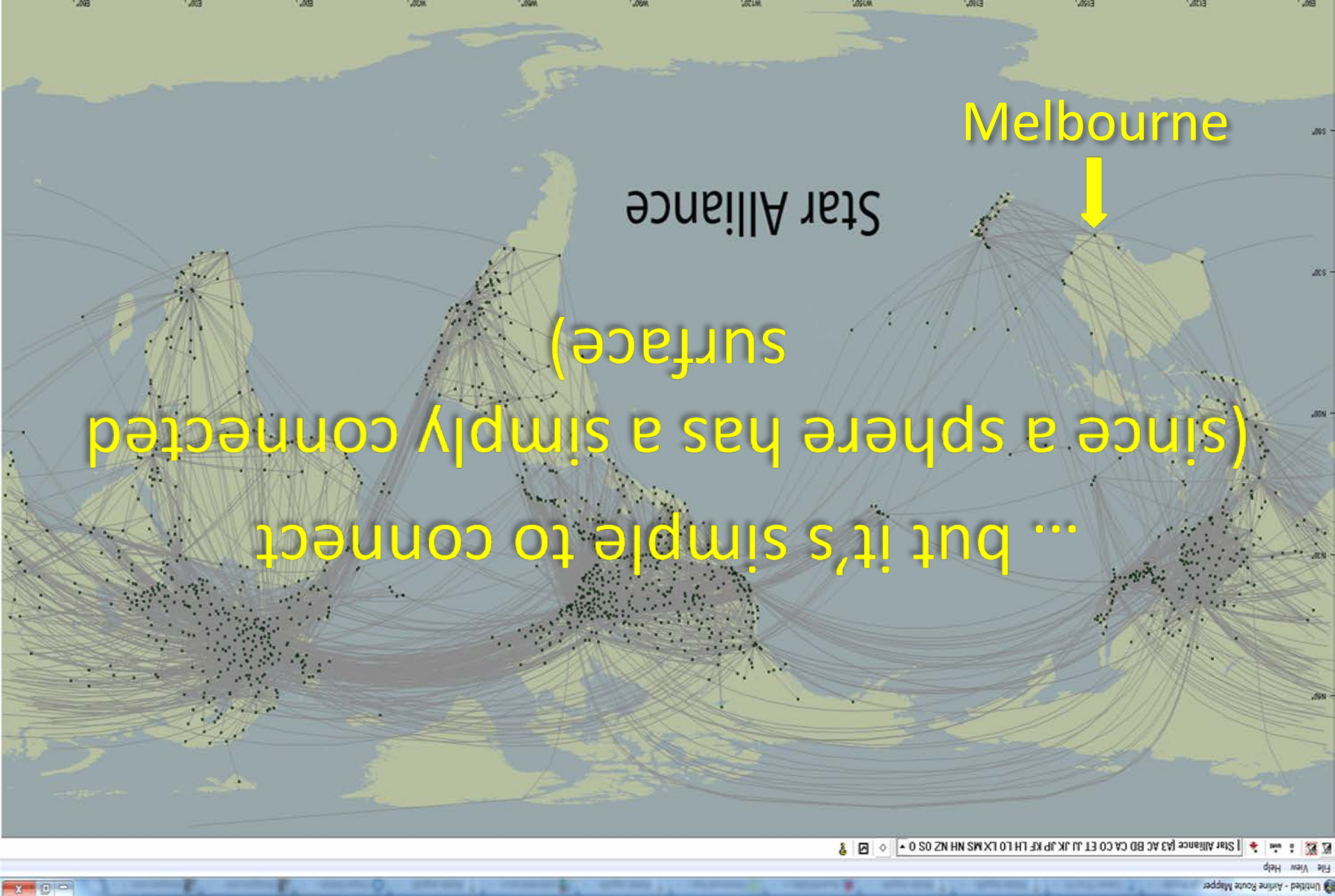
# Point groups in three dimensions

 <p><math>C_s</math> <math>\bullet^{*11}</math></p> <p>Involutorial symmetry</p> <p><math>C_s, (*)</math> [ ] = <math>\bullet</math></p>	 <p><math>\Delta^{*3}</math> <math>C_{3v}</math> <math>\bullet^{*33}</math></p> <p>Cyclic symmetry</p> <p><math>C_{nv}, (*nn)</math> [n] = <math>\bullet_n</math></p>	 <p><math>D_{3h}</math> <math>\bullet^{*223}</math></p> <p>Dihedral symmetry</p> <p><math>D_{nh}, (*n22)</math> [n,2] = <math>\bullet_n</math></p>
<p>Polyhedral group, [n,3], (*n32)</p>		
 <p><math>[3,3]</math> <math>T_d</math> <math>\bullet^{*332}</math></p> <p>Tetrahedral symmetry</p> <p><math>T_d, (*332)</math> [3,3] = <math>\bullet\bullet\bullet</math></p>	 <p><math>[4,3]</math> <math>O_h</math> <math>\bullet^{*432}</math></p> <p>Octahedral symmetry</p> <p><math>O_h, (*432)</math> [4,3] = <math>\bullet\bullet\bullet</math></p>	 <p><math>[5,3]</math> <math>I_h</math> <math>\bullet^{*532}</math></p> <p>Icosahedral symmetry</p> <p><math>I_h, (*532)</math> [5,3] = <math>\bullet\bullet\bullet</math></p>

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(since a sphere has a simply connected

surface)

Melbourne



# 27 international non-stop flights to Melbourne

Abu Dhabi	United Arab Emirates	13h 35m	Etihad
Auckland	New Zealand	4h 5m	Air New Zealand, Qantas, Jetstar, ...
Bandar Seri Begawan	Brunei	7h 0m	Royal Brunei
Bangkok	Thailand	8h 45m	Thai, Jetstar
Beijing	China	11h 30m	Air China
Chengdu	China	10h 0m	Sichuan
Christchurch	New Zealand	3h 50m	Air New Zealand, Jetstar, Virgin Australia
Denpasar City	Indonesia	5h 30m	Jetstar, Garuda Indonesia, Virgin Australia, ...
Doha	Qatar	13h 30m	Qatar Airways
Dubai	United Arab Emirates	13h 25m	Emirates, Qantas
Guangzhou	China	9h 35m	China Southern
Ho Chi Minh City	Vietnam	8h 35m	Vietnam
Hong Kong	China	9h 20m	Cathay Pacific, Qantas
Honolulu	USA	11h 40m	Jetstar
Jakarta	Indonesia	6h 30m	Garuda Indonesia
Kuala Lumpur	Malaysia	7h 45m	Malaysia, AirAsia X, Emirates
Los Angeles	USA	15h 45m	Qantas, United
Manila	Philippines	8h 10m	Philippine
Nadi,	Fiji	5h 45m	Fiji Airways, Virgin Australia
New Delhi	India	12h 15m	Air India
Noumea	New Caledonia	4h 15m	Aircalin
Phuket	Thailand	8h 25m	Jetstar
Queenstown	New Zealand	3h 25m	Air New Zealand, Jetstar
Shanghai	China	10h 45m	China Eastern, Air China
Singapore	Singapore	7h 25m	Singapore Airlines, Emirates, Qantas, ...
Tokyo	Japan	10h 10m	Jetstar
Wellington	New Zealand	3h 55m	Qantas, Air New Zealand, Jetstar

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Venue

# Sidney Myer Asia Centre

on the campus of the  
University of Melbourne

500 capacity lecture theatre  
10 parallel rooms



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500 capacity lecture theatre  
10 parallel rooms





# Pre-SUSY

27-30 June 2016

Guardian's  
"10 best cities in the world to be a student"

1. Paris
2. Melbourne
3. London
4. ...

Hope to

see you in Melbourne

next year



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see you in Melbourne

next year



An underwater photograph showing a large shark swimming in the center, surrounded by many smaller fish. The water is clear and blue. The text is overlaid on the image in a yellow, sans-serif font.

Hope to

see you in Melbourne

next year

A man with short brown hair and a slight smile, wearing a blue long-sleeved shirt, is holding a grey koala. The koala is resting its head on the man's chest. The background is a painted backdrop of a forest with tall trees and green foliage. The lighting is soft and even.

Hope to

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next year

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