

# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Alcebiades Rigas**, *UNICAMP - IMECC*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Suspension of Cartan inclusions with  $K > 0$** ”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Alexandre LyMBERopoulos**, *Colégio Etapa*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**A classification of ruled and Weingarten hyperfurfaces in space forms**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Alma Luisa Albuje Brotons**, *Universidad de Alicante*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Global and local geometry of maximal surfaces in Lorentzian product spaces**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Ari João Aiolfi**, *Universidade Federal de Santa Maria*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Parabolic graphs of CMC in  $H^3$  with boundary data satisfying the bounded slope condition**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Burkkard Wilking**, *Universitat Munster*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Sharp estimates for the Ricci flow**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Carlos Enrique Olmos**, *Universidade Nacional de Cordoba - Famaf*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Submanifolds and Berger-type theorems**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Claudio Gorodski**, *USP Instituto de Matemática e Estatística*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Homogeneous isoparametric submanifolds of Hilbert spaces of type  $\tilde{A}_n$** ”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Eduardo García-Rio**, *Universidade de Santiago de Compostela*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “Osserman manifolds”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE





# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Fernando Codá dos Santos Cavalcanti Marques**, *Instituto de Matemática Pura e Aplicada*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Deforming three-manifolds with positive scalar curvature**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Fernando Manfio**, *USP - Instituto de Ciências Matemáticas e Computação São Carlos*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Hypersurfaces with constant sectional curvature of  $S^n \times \mathbb{R}$  and  $H^n \times \mathbb{R}$** ”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Francisco Torralbo**, *Universidad de Granada*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Stable constant mean curvature surface in Berger Spheres**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Frank Morgan**, *Williams College*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Manifolds with Density and Perelman's Proof of Poincaré**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Gabriel Paternain**, *University of Cambridge*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**On the stability condition in Symplectic Topology**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Guillermo Antonio Lobos**, *Universidade Federal de São Carlos*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Minimal Surfaces with only Horizontal Symmetries**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Harold Rosenberg**, *Université Paris VI (Pierre et Marie Curie)*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Surfaces in homogeneous 3-manifolds**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Joeri Van der Veken**, *Katholieke Universiteit Leuven*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Constant angle Surfaces in three-dimensional homogeneous spaces**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor





# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Jorge Herbert Soares de Lira**, *Universidade Federal do Ceará*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Conformal Killing graphs with prescribed mean curvature**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Jorge Lauret**, *Universidad Nacional de Córdoba*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Homogeneous Ricci flows and solitons**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Joseph A. Wolf**, *University of California at Berkeley*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**The geometry of complex manifolds related to representation theory**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Lino Anderson da Silva Grama**, *UNICAMP - IMECC*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Equigeodesics on flag manifolds**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Luis J. Alías**, *Universidad de Murcia*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Geometric applications of the generalized Omori-Yau maximum principle**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Manuel Fernández López**, *Universidade de Santiago de Compostela*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: **“Diameter Bounds And Gap Theorems For Compact Ricci Solitons”**.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPERJ

FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Maxwell Mariano de Barros**, *Universidade Federal do Maranhão*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Pseudo-Parallel Contact Normal Submanifolds in Kenmotsu Manifolds**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Mohammad Ghomi**, *Georgia Institute of Technology*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Four-vertex theorems in Riemannian surfaces**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



Sponsor





# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Natasa Sesum**, *University of Pennsylvania*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Singularities in the Ricci flow and the mean curvature flow equation**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Paolo Piccione**, *USP Instituto de Matemática e Estatística*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Bifurcation of Constant Mean Curvature Tori in Euclidean Spheres**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



CNPq



FAPESP

Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Ruy Tojeiro de Figueiredo Junior**, *Universidade Federal de São Carlos*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “Genuine Deformations of Submanifolds”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Tobias Colding**, *New York University*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Singularities of mean curvature flow**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **William Meeks III**, *Univ. of Massachusetts at Amherst*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**The local and global geometry of embedded minimal and CMC surfaces in 3-manifolds.**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



Sponsor



# International Symposium on Differential Geometry



In honor of Marcos Dajczer on his 60th birthday

August 17<sup>th</sup> to 21<sup>st</sup>, 2009  
IMPA, Rio de Janeiro, Brazil

We hereby certify that, **Wolfgang Ziller**, *University of Pennsylvania*, participated in the “International Symposium on Differential Geometry "In honor of Marcos Dajczer on his 60th birthday””, held at Instituto de Matemática Pura e Aplicada - IMPA, RJ, from August 17 to 21, 2009 and presented the following work: “**Manifolds with positive sectional curvature**”.

Rio de Janeiro, August 21, 2009.

A handwritten signature in black ink, appearing to read "Luis A. Florit".

Luis A. Florit

Organizing Committee

# CERTIFICATE

Support



Sponsor

