



BIENNIAL OF THE AMERICAS

DENVER
2010

OPENING CELEBRATION

BIENNIAL OF THE AMERICAS DENVER 2010 OPENING NIGHT CELEBRATION JULY 1, 2010

McNichols Building at Civic Center
Park 144 W Colfax Ave.
6:00 pm-9:00 pm

TO PURCHASE TICKETS

FOR THE BIENNIAL OPENING
CELEBRATION, THE
AMERICAS ROUNDTABLE,
AND MCNICHOLS GO TO:

www.tickethorse.com/biennial-of-the-americas.org

THE AMERICAS ROUNDTABLE

7.6.10

THE AMERICAS ROUNDTABLE ON EDUCATION:
The Achievement Gap
Ellie Caulkins Opera House
9-11:30 am

THE AMERICAS ROUNDTABLE ON
PHILANTHROPY:

Private & Public Collaboration
Ellie Caulkins Opera House
1:30-4 pm

7.7.10

THE AMERICAS ROUNDTABLE ON WOMEN:
Drivers of the New Economy
Ellie Caulkins Opera House
9-11:30 am

7.8.10

THE AMERICAS ROUNDTABLE ON HEALTH:
Transnational Threats
Ellie Caulkins Opera House
9-11:30 am

THE AMERICAS ROUNDTABLE SPECIAL
LUNCHEON EVENT:

Summit of Bilateral Ambassadors
Seawell Grand Ballroom
11:30-1:15 pm

THE AMERICAS ROUNDTABLE ON POVERTY

REDUCTION: Politics and Strategies
Ellie Caulkins Opera House 1:30-4 pm

7.12.10

THE AMERICAS ROUNDTABLE ON TRADE:
Leveraging Partnerships for Sustainable
Economies
Ellie Caulkins Opera House 8:30-10:15 am

THE AMERICAS ROUNDTABLE SPECIAL EVENT:
Summit of Former Heads of State Ellie Caulkins
Opera House 10:30 am-12 pm

7.28.10

THE AMERICAS ROUNDTABLE ON ENERGY AND
CLIMATE CHANGE: Designing Answers for
Today's Challenges
Ellie Caulkins Opera House 1:30-4 pm

MCNICHOLS PERFORMANCE SERIES

7.2.10

FIRST FRIDAY

8:00pm
Jamie Drouin "WHITEOUT"
(Victoria) (World Premiere)
8:45pm
Overcast Sound + Moleculagem
(Rio de Janeiro)
9:45pm
Sweatshoppe (Brooklyn)

7.9.10

MUTEK A/VISIONS

8:00pm
Lissom (San Francisco)
9:00pm
The Jutro Experiment: David Van Teghiem,
Brandon Wolcott+ Morgan Packard
(Brooklyn) (World Premiere)

7.10.10

MUTEK PERSPECTIVES

8:00pm
Murcof & Moleculagem
(Tijuana) (Colorado Premiere)
9:00pm
Mossa (Montreal)

7.16.10

FUTURE FOLKS

8:00pm
Lulacruza (Bogota/Buenos Aires)
(Colorado Premiere)
9:00pm
Laura Goldhamer & the Silvernail (Denver)
10:00pm
Juana Molina (Buenos Aires)

7.17.10

SOUTHWEST INNOVATORS

8:00pm
D Numbers (Santa Fe)
9:00pm
The Dovekins (Denver)
Video by AeonChild

7.22.10

SIGHT FOR SORE EYES

8:00pm & 9:00pm
Offthesky & Pillow Garden (Denver)
8:30pm & 9:30pm
Miwa Matreyek (San Francisco)
(Colorado Premiere)

7.23.10

AMERICANA FUTURISTS

8:00pm
Jonny Woodrose & The Broken Hearted
Woodpeckers (Boulder)
9:00pm
Kevin Coster Suicide Pact (Boulder)
10:00pm
Soft Landing (Brooklyn) (Colorado
Premiere)

7.24.10

MUTEK NOCTURNE

8:00pm
Nortec Collective Presents: Bostich &
Fussible (Tijuana)
8:00pm
Time for Trees

7.29.10

CHAPTER AND VERSE

8:00pm & 9:00pm
Morgan Packard & Joshue Ott (Brooklyn)
8:30pm & 9:30pm
Gabriel Dunne (San Francisco)

7.30.10

VANGUARD FEMME

8:00pm
Melissa St. Pierre (North Adams)
(Colorado Premiere)
9:00pm
Zeena Parkins (New York City)

7.31.10

FINALES!

6:00pm
Humble Arts KidsPatch Parade
(Santa Fe)
7:00pm
Ejival (Tijuana)
8:00pm
ZIZEK Crew (Buenos Aires)

"THE NATURE OF THINGS" - SPEAKER SERIES at MCNICHOLS

McNichols at Civic Center Park, 3rd Floor

7.6.10

Lure of the Unknown Love or Tropical Fantasies:

Conversation between curator Paola Santoscoy and artist Jeronimo Hagerman
Speakers: Jeronimo Hagerman and Paola Santoscoy
4:00pm - 6:00pm

800x60:

Adaptive Architecture and Security Infrastructure at, along and across the U.S. - Mexico Border
Mike Moore (moderator)
Speakers: Teddy Cruz, Ronald Rael
6:00pm - 8:00pm

7.7.10

Catalysts for Social Good:

Redefining Global Impact through Social Entrepreneurship
Greg Berry (moderator)
Speakers: Steve Bigari, Lynn Price, Susan Kiely, Elizabeth Hausler and Bernard Amadei
4:00pm - 6:00pm

7.8.10

Limitless Potential:

Exploration into the Intersections of Art, Sustainability, Innovation, and Community in Civic, Artistic, and Technological Innovation.
Todd Berger (moderator)
Speakers: Paola Santoscoy, Mike Moore, Ronald Rael and Lauren Higgins
4:00pm - 6:00pm

7.9.10

Perspectives of a Caribbean Contemporary Creative on Living and Working in 'Paradise'

Speakers: Annalee Davis, Tariana Navas-Nieves
4:00pm - 6:00pm

7.10.10

Awakening the Dreamer, Changing the Dream

Symposium: Sustainability, Social Justice, and Healthy Spirit at Humanity's Crossroads
Speakers: Anita Sanchez, Kit Tennis, Emily Andrews
12:30pm - 4:30pm

7.13.10

Reweaving our Relational Web:

Gender, Justice and Sustainability
Speaker: Nina Simons
6:00 - 8:00pm

7.14.10

Bridging the Gap:

An Intergenerational Dialogue
Ian Sanderson (moderator)
Speakers: Students of Escuela Tlatelolco, Marilyn Megenity, Glenn Morris, Robert Atchley, Neambe Leadon-Vita, Josiah Contreras, Sarah Chung, and Cele Spink
12:00pm - 2:00pm

7.15.10

Cultural Affirmation and At-Risk Youth:

Reconnecting Youth to their Historical, Cultural, Spiritual and National Identities
Speaker: Alejandra Calderon
4:00pm - 6:00pm

7.16.10

Energy Imperative:

From Fossil Fuels to Efficiency and Renewable Energy
Speaker: Michael Potts
4:00pm - 6:00pm

7.17.10

Transfolklorico

Speaker: Luis Maurette
3:00pm - 5:00pm

7.20.10

Smart by Nature:

Schooling for Sustainability
Speaker: Michael K. Stone
6:00pm - 8:00pm

7.21.10

Be a Changemaker:

Local Transformation through Homegrown Innovation
Greg Berry (moderator)
Speakers: Kendra Sandoval, Ashara Ekundayo, Teju Ravi Lochan, Ian Carter, and Joan Raderman
4:00pm - 6:00pm

7.22.10

Indigeneity:

Ethics & Possibilities
Speaker: Jeannette Armstrong
4:00pm - 6:00pm

7.23.10

Quasitopian Dreaming: A Conversation Between Pedro Reyes and Clark Richert

Speakers: Pedro Reyes, Clark Richert
4:00pm - 6:00pm

7.24.10

Real Estates:

Micro-Geographic Approaches to Urbanism and Infrastructure
Gary Desmond (moderator)
Speakers: Nicholas de Monchaux, Ken Schroepfel
3:00pm - 5:00pm

7.27.10

The Health and Happiness Project: A Real Experience of Sustainable Community Development in the Brazilian Amazon

Speaker: Dr. Eugenio Scanavino Netto
6:00pm - 8:00pm

7.28.10

Urban Roots:

Conversations on Eco-Equity, Food Justice and Cultural Activism in the U.S.

Speakers: Erwin Thomas, Jennifer Johns, Pandora Thomas, Ashara Ekundayo, and Zakiya Harris
4:00pm - 6:00pm

7.29.10

What Can Aesthetics Do?

Speaker: Joseph Tanke
McNichols at Civic Center Park, 3rd Floor
4:00pm - 6:00pm

7.30.10

Going Green Living Bling:

Redefining the Image of Wealth in HipHop Culture
Speakers: Supa Nova Slom, Mike Wird, Ietef Vita, and Neambe Leadon-Vita
McNichols at Civic Center Park, 3rd Floor
4:00pm - 6:00pm

7.31.10

Between the Lines: Explorations in Borderlands Culture
Luis León (moderator)

Speakers: Renee Fajardo, Ejival, Arturo Aldama and Maruca Salazar
McNichols at Civic Center Park, 3rd Floor
12:00pm - 5:00pm

CITY-WIDE EXHIBITIONS

6.24.10

MUSEO DE LAS AMERICAS "Liberadores"
Opening Museo de las Americas 7-10 pm
FREE

6.30.10

"OBJECTOPHILIA" Opening presented by
CAPSULE
1490 Delgany & 1900 16th Street
7-10 pm FREE

MUSEUM OF CONTEMPORARY ART
DENVER "Energy Effects: Arts and
Artifacts in the Landscape of Glorious
Excess" Exhibition Opening. All Day
Members Preview 11 am-8 pm
Public Opening Celebration 8-10 pm
FREE

7.1.10

*BIENNIAL OF THE AMERICAS OPENING
NIGHT CELEBRATION McNichols
at Civic Center Park 6-9 pm

M12 Presents "¡Rediseñar los Campitos!"
Bannock St. Outside of Denver City and
County Building 5:30-10 pm
FREE

DENVER BRASS "Hot Hot Hot and Ariel
Ballet" The Arvada Center
Ballet Ariel 6 pm Denver Brass 7:30 pm

7.2.10

FIRST FRIDAY Art District on Santa Fe
Art Walk 5-9 pm FREE

PLUS+ GALLERY presents Gary Setzer
"Supralingual/Sublingual: The Tongue in
Terrain" Performance
Plus Gallery 8 pm FREE

7.3.10

CIVIC CENTER CONSERVANCY
FIREWORKS CELEBRATION W/ THE
COLORADO SYMPHONY ORCHESTRA
Civic Center Park 8 pm FREE

REDLINE EDUCATIONAL WORKSHOP
RedLine Gallery, 2-4 pm

7.6.10

FILM SCREENING Presented by
Museo de las Americas
"New World Border" Su Teatro 7:30 pm
FREE

7.7.10

PLATTEFORUM/LIGHTHOUSE WRITERS
WORKSHOP "Here at Home: 6 Artists" Work
in Progress w/ Biennial Artists
2-6 pm FREE

REDLINE ARTIST LECTURE
RedLine Gallery 7 pm

CAPSULE & THE DENVER MODERNISM
SHOW Present "When Collections Attack"
1490 Delgany 7 pm

*STOPPING TERRORISM THROUGH
TRANSNATIONAL SECURITY COOPERATION
SYMPOSIUM Hosted by The C.E.L.L.
Seawell Ballroom 7:30 pm

MUSEO DE LAS AMERICAS "Strange
Democracy" w/ Guillermo Gomez-Pena
Su Teatro 7-9 pm

7.8.10

REDLINE OPENING "Artist footprints"
RedLine Gallery 6 pm
FREE

CLEO PARKER ROBINSON & SABOR LATINO
DANCE PERFORMANCE
Arvada Center 6-9 pm

SU TEATRO PRODUCTION "La Carpa de las
Rasquachis" Su Teatro 7:30 pm

M12 Presents "¡Rediseñar los Campitos!"
14th Street Outside of
Ellie Caulkins Opera House 12:30-5 pm
FREE

7.9.10

YOA ORCHESTRA of the AMERICAS
CONCERT Newman Center for Performing
Arts
7:30 pm FREE

THE SECRET LIFE OF TREES
Santa Fe Arts District 6 pm FREE

CITY-WIDE EXHIBITIONS

DADA Presents "Do Not Cry Over Spilled Dreams:
Portrait of a Consumer"
Sandra Phillips Gallery, 6-8 pm

EMMANUEL GALLERY "Personal Locator Beacon"
Rebecca Vaughan Opening 6-10 pm

PLUS+ GALLERY "You are Here" Opening 7 pm

SU TEATRO PRODUCTION "La Carpa de las
Rasquachis" Su Teatro 7:30 pm

GIPSY KINGS Red Rocks 8-11 pm

7.10.10

URBAN CULTURE COLLECTIVE OF DENVER
Skyline Park 11 am-9 pm FREE

NATIVE AMERICAN EXPO
Cuernavaca Park 10 am FREE

CENTRAL CITY OPERA PRESENTS "En Mis
Palabras" W/ SU TEATRO Su Teatro 3:00 pm

MURAL UNVEILING CELEBRATION: TONY ORTEGA
Boulder Museum of Contemporary Art 12-2 pm

PLUS+ GALLERY presents
Social w/ Artist Brendan Tang Plus Gallery 4 pm

REDLINE EDUCATIONAL WORKSHOP RedLine
Gallery 2-4 pm

7.11.10

NATIVE AMERICAN EXPO
Cuernavaca Park 10 am FREE

7.12.10

STEEL DRUM WORKSHOP
Lamont School of Music University of Denver
8 am-5 pm

STEEL DRUM PERFORMANCE
Hamilton Recital Hall, Newman Center
University of Denver 8 pm FREE

7.13.10

PLATTEFORUM/LIGHTHOUSE WRITERS
WORKSHOP "Here at Home: 6 Artists" Work in
Progress w/ Biennial Artists
2-6 pm FREE

STEEL DRUM WORKSHOP
Lamont School of Music University of Denver
8 am-5 pm

STEEL DRUM PERFORMANCE
Hamilton Recital Hall, Newman Center
University of Denver 8 pm FREE

7.14.10

HISTORY COLORADO AMERICAN INDIANS IN
EARLY DENVER WALKING TOUR Union Station
17th and Wynkoop 9 am

STEEL DRUM WORKSHOP Lamont School of
Music University of Denver 8 am-5 pm

7.15.10

STEEL DRUM WORKSHOP Lamont School of
Music University of Denver 8 am-5 pm

STEEL DRUM PERFORMANCE
Hamilton Recital Hall, Newman Center
University of Denver 8 pm FREE

CAPSULE ARTIST'S TALK: "Objectophilia"
1490 Delgany 7 pm FREE

LATINO RHYTHMS Featuring
NOVILLOS MUSICAL, MANUEL MOLINA AND
HORACIO VALDES,
La Alma/Lincoln Park 6-10 pm FREE

7.16.10

ARTS DISTRICT ON SANTA FE
GALLERY WALK
10 am-5 pm FREE

STEEL DRUM WORKSHOP Lamont School of
Music University of Denver 8 am-5 pm

STEEL DRUM PERFORMANCE
Gates Hall, Newman Center
University of Denver 8 pm
FREE

7.17.10

HISTORY COLORADO TRAIN AND MUSEUM
TOUR OF SAN LUIS VALLEY, CO
San Luis Valley 9 am- 1 pm

REDLINE EDUCATIONAL WORKSHOP
Redline Gallery 2-4 pm

CAPSULE Presents "Found Objects" Kids
Workshop w/ Tim Flynn
1490 Delgany 1-3 pm FREE

DANCE OF THE AMERICAS Cleo Parker
Robinson Dance Auditorium 7 pm

HOT NIGHT DANCE WORKSHOPS AND
SOCIAL DANCE PRESENTED BY CM DANCE
Tango/Blue Dance w/ the Chilean and Bolivian
Classes 7:30 pm
Dances 9:00 pm-1:30 am

7.19.10

COLORADO CHAMBER PLAYERS CONCERT
Hosted by Museo de las Americas
Concert 6:45-9 pm Reception 9 pm

BUNTPORT THEATRE PRODUCTION
"Grounds for Play" Buntport Theatre 8 pm

***PURCHASE TICKETS PRIOR TO THIS EVENT AT:
www.tickethorse.com/biennial-of-the-americas**

CITY-WIDE EXHIBITIONS

7.20.10

DIGITAL EARTH

Denver Museum of Nature & Science 7 pm

REDLINE LECTURE by Denver Architect Michael Tavel RedLine Gallery 7 pm

BUNTPORT THEATRE PRODUCTION "Grounds for Play" Buntport Theatre 8 pm

7.21.10

THE CHILDREN'S MUSEUM OF DENVER KIDS FEST w/ MEXICAN CULTURAL CENTER

The Children's Museum of Denver 10 am-2 pm FREE

PLATTEFORUM/LIGHTHOUSE WRITERS WORKSHOP "Here at Home: 6 Artists" Work in Progress 2-6 pm FREE

MUSEO DE LAS AMERICAS Presents "Digital Isolation" Museo de las Americas 6:30-8 pm

CAPSULE presents SWAP-N-SHOP Presented by YesPleaseMore's, Pop-Up Shop Festivities, ARTIST TRADING CARDS & WHITE ELEPHANT SWAPS 1490 Delgany Cir. 7 pm FREE

FILM SCREENING "My Body Is A Weapon" Mayan Theatre FREE 7:30-9:30 pm

BUNTPORT THEATRE PRODUCTION "Grounds for Play" Buntport Theatre 8 pm

7.22.10

ZOOT SUIT Historic Elitch Gardens Theatre 7:30 pm

BUNTPORT THEATRE PRODUCTION "Grounds for Play" Buntport Theatre 8 pm

7.23.10

ZOOT SUIT Historic Elitch Gardens Theatre 7:30 pm

7.24.10

REDLINE EDUCATIONAL WORKSHOPS RedLine Gallery 2-4 pm

PLUS+ GALLERY Presents Musician TIM POURBAIX & Artist JENNY MORGAN 7 pm

ZOOT SUIT Historic Elitch Gardens Theatre 7:30 pm

COLORADO SYMPHONY ORCHESTRA MEXICAN NATIONAL MUSIC CONSERVATORY CONCERT Boettcher Concert Hall Denver Performing Art Complex 7:30 pm

7.25.10

PRINTMAKING WORKSHOP w/ TONY GARCIA Boulder Museum of Contemporary Art 12-3 pm

7.27.10

PLATTEFORUM/LIGHTHOUSE WRITERS WORKSHOP "Table Lessons w/ Biennial Artist Tsehai Johnson PlatteForum 6:30-7:30 pm FREE

MUSEO DE LA AMERICAS Presents "Slamming the Borders" w/ Flobots.org Museo de las Americas 7-9 pm

7.28.10

Where Pink Dolphins Swim: Photographs from an Amazon Journey Denver Museum of Nature & Science Artist Reception 7 pm

FILM SCREENING "Snapshots" FREE Mayan Theatre 7:30-9:30 pm

7.30.10

WOODY GUTHRIE: WEAVING THE THREADS FESTIVAL Swallow Hill 8 pm

GREEN ROCKS w/ E-TOWN AND LYLE LOVETT Red Rocks 7 pm

7.31.10

REDLINE EDUCATIONAL WORKSHOP RedLine Gallery 2-4 pm

WOODY GUTHRIE: WEAVING THE THREADS FESTIVAL L2 Arts and Event Center 8 pm

8.5.10

PLATTEFORUM/LIGHTHOUSE WRITERS WORKSHOP "Here at Home: 6 Artists" Opening Exhibition Denver artists & writers collectively respond to community and what sustains us. 3-8pm. PlatteForum Suites 135, 120 & 170 FREE

ON-GOING PROGRAMMING

The Arvada Center

Variety of performances in theatre, music, dance, and art.

M-F 9 am- 6pm, Sat 9am-5 pm, Sun 1-5 pm

Boulder Museum of Contemporary Art

Tony Ortega "Mi Frontera es su Frontera"

T-F 11 am-5 pm

Sat 9 am-4 pm, Sun 12-3 pm

Butterfly Pavilion

Butterflies of the Americas

M-Fri 9 am-5 pm

Emmanuel Gallery

"Personal Locator Beacon"

T-F 11 am-5 pm, Sat 10 am- 4 pm

Denver Art Dealer's Association

DADA Gallerys on Sante Fe Arts District

Various Gallery Times

Denver Art Museum

"New World Landscapes" by Edward Ranney

T-Th 10 am- 5pm, Fri 10 am-10 pm

Sat 10 am- 5 pm, Sun 12-5 pm

Denver Botanic Gardens

Illustrated Natives: A Tour through the Native Plant Collection

M-Sun 9 am-9 pm

Denver International Airport

Exhibits of the Americas

Denver Museum of Miniatures, Toys, and Dolls

Dolls of the Americas

W-Sat 10 am-4 pm

Sun 1-4 pm

Denver Museum of Nature & Science

Where Pink Dolphins Swim: Photographs from an Amazon Journey

M-Sun 9 am-5 pm

Denver Public Library (Central Library)

ABC's of Disabilities

M-T 10 am-8 pm, W-Fri 10 am- 6pm

Sat 9 am-5 pm, Sun 1-5 pm

Museo de las Americas

Liberadores

T-Fri 10 am-5 pm

Sat-Sun 12 pm-5 pm

Museum of Contemporary Arts Denver

"Energy Effects": Art and Artifacts in the Landscape of Glorious Excess

T-Sun 10 am- 6 pm

Fri 10 am-10 pm

Museum of Outdoor Arts

Element House: Architecture of a New Ecology Living Sculpture, Design and Build Internship-Recycled Dwellings, Outdoor Art Installation

M-Th 9 am-5 pm, F 9am-4 pm

PlatteForum/Lighthouse Writers Workshop

"Here at Home: 6 Artists"

M-F 12-6 pm

PLUS+ Gallery

You Are Here

W-Sat 12-6 pm

RedLine

Artist Footprints

M-F 9 am-5 pm

Sat-Sun 11 am- 5pm

Santa Fe Arts District

First Friday of every month 5-9 pm

The Wildlife Experience

T-Sun 9 am-5 pm

The C.E.L.L.

Anyone, Anywhere, Anytime: Understanding the Threat of Terrorism

T-Sat 10 am-5 pm, Sun 12-5 pm

Smithsonian Traveling Exhibit

Indivisible: African-Native American lives in America

M-Fri 9 am-5 pm

Capsule

Objectophilia

T-Sun 10 am- 6 pm

Fri 10 am-10 pm

M12

¡Rediseñar los Campitos!

TBA

KidsPatch: CHILDREN'S PROGRAMS AT THE BIENNIAL OF THE AMERICAS

KidsPatch WORKSHOPS

@ KidsPatch Zone

SATURDAY & SUNDAYS

JULY 3RD - JULY 25TH
10AM - 1PM & 3PM - 6PM

McNichols at Civic Center Park
1st Floor

KidsPatch WORKSHOP CALENDAR

WEEKEND 1

SATURDAY JULY 3rd & SUNDAY JULY 4th
10AM - 1PM & 3PM - 6PM

Participating Artists: **Jeronimo Hagerman** (MX) & the KidsPatch Team (USA/RS)

www.jeronimohagerman.com

WEEKEND 2

SATURDAY JULY 10th & SUNDAY JULY 11th
10AM - 1PM & 3PM - 6PM

Participating Artists: **Sweatshoppe** (USA) & the KidsPatch team (USA/RS)

www.sweatshoppe.com

WEEKEND 3

SATURDAY JULY 17th & SUNDAY JULY 18th
10AM - 1PM & 3PM - 6PM

Participating Artists: **KidsPatch** team (USA) & **SPECIAL EDITION** (USA/RS)

www.kidspatch.com

WEEKEND 4

SATURDAY JULY 24th & SUNDAY JULY 25th
10AM - 1PM & 3PM - 6PM

Participating Artists: **Cypher13** team (USA) & the KidsPatch team (USA/RS)

www.cypher13.com

CHILDREN'S CREATIVITY LAB

KidsPatch Zone

TUESDAY - FRIDAY

JULY 1st - JULY 31st
11AM - 5PM

McNichols at Civic Center Park
1st Floor

FINALE PARADE PERFORMANCE

SATURDAY JULY 31st
6 PM - 7PM

Participating Artists:

Humble Arts Collective (Santa Fe),
workshop participants & guests

ADVANCE REGISTRATION REQUIRED FOR KidsPatch Programs

For more information please consult Biennial of the Americas website www.biennialoftheamericas.com or the dedicated program brochure.

Workshop capacity is limited to six (6) children per session. Ages 5 -12 years old. Individual workshop duration is 3 hours, including a half-hour break and refreshments at no extra charge.