

**IX Encuentro UPR/MIT sobre el Tren Urbano**  
**9<sup>th</sup> UPR-MIT Conference on Tren Urbano January 7-12, 2003**  
**Moving Towards a Transit Oriented Region**  
 Updated January 8, 2003

**Monday, January 6, 2003**

At leisure

**Tuesday, January 7, 2003**

10:30 AM Registration  
 11:00 AM **Welcome and Introduction to the 9<sup>th</sup> UPR/MIT Conference on Tren Urbano**  
*Prof. Benjamín Colucci, Prof. Nigel Wilson and Ms. Diana C. Rubio*  
**Greetings from Tren Urbano Project Director & Introduction of HTA.**  
*Eng. Ricardo Alvarez, Project Director*  
**HTA: A Multimodal Agency**  
*Dr. Fernando Fagundo, Secretary of Transportation, HTA*  
 11:45 AM **Tren Urbano Project Update**  
*Eng. Jack Allison, Executive Director, HTA*  
 12:30 PM Lunch  
 1:30 PM **Poster Session #1**  
 2:30 PM **Presentation on AMA-ATI and the Role of AMA**  
*Lourdes Suárez*  
 3:30 PM **Integration of Públicos in Tren Urbano**  
*Ariel Félix, Planner, HTA*  
 7:30 PM **Welcome & Get Acquainted Reception**  
 Casa de España en Puerto Rico, Old San Juan

**Wednesday, January 8, 2003**

9:00 AM **Tren Urbano Start-Up (Sep 2003)**  
 Moderator: *Ricardo Alvarez*  
 Panelists:  
*Lin Nathan / Jack Flaherty, GMAEC*  
*James T. Brown, STT-ACI*  
 10:30 AM **Exploring Public Education for Tren Urbano**  
*Isabel Lopés, HTA*  
 11:00 AM **Once Upon a Time, There was a Train That Came Into San Juan**  
*Rose Marie Bernier, Siemens Transit Team*  
 11:30 AM **Poster Session #2**  
 12:30 PM Leave by van to Río Piedras  
 1:00 PM Lunch on your own at Río Piedras  
 2:00 PM **Experiencing Public Transportation in SJMA**  
 Take públicos and AMA from Río Piedras to Cataño, Bayamón and Carolina transfer to ferry or AMA bus to arrive in Old San Juan.  
 4:00 PM **Historic Tour of La Princesa and Walking Tour of Old San Juan, hosted by Rose Marie Bernier & Gabriel Moreno**  
 7:30 PM **Faculty Meeting**  
 El Tropical Restaurant, Condado  
 Students - Evening at leisure

**Thursday, January 9, 2003**

9:00 AM **International Transit Systems**  
*William R. Fernández, MARTA Atlanta*  
*Mikel Murga - Bilbao, Spain*  
*Arturo Ardila - Bogota, Colombia*  
 11:30 AM **Poster Session #3**  
 12:30 PM Lunch at Tren Urbano Office  
 1:30 PM **Joint Development and Land Use**  
 Speaker: *Arch. Elmo Ortíz*  
 2:30 PM **Tour of Río Piedras Tunnel**  
 Travel by van to Río Piedras Tren Urbano Office

Evening at leisure

**Friday, January 10, 2003**

9:00 AM **Systems Integration**  
*John Sedlak, Houston Metro*  
**Video: "Cities for People" by Jan Gehl**  
 Moderators:  
*Mikel Murga, MIT*  
*Ken Kruckemeyer, MIT*  
 Lunch  
 12:30 PM **Poster Session #4**  
 1:30 PM **Introducing New Transit Services**  
 Moderator: *Ken Kruckemeyer, Boston*  
*Frank Kruesi, CTA, Chicago*  
*Mike Mulhern, Silver Line MBTA, Boston*  
 2:30 PM **Bus Rapid Transit**  
*Helen Gault, Ottawa Canada*  
 3:45PM

Evening at leisure

**Saturday, January 11, 2003**

9:00 AM **Helicopter Tour of Alignment**  
 Meet at Isla Grande Airport  
 12:00 PM Lunch at the Centro Médico Station  
 1:30 PM **Siemens Tour**  
 Train Ride from Centro Médico to the O&A Building, OCC, Yards and trains  
 7:30 PM **Closure Dinner**  
 Wyndham Hotel, Old San Juan

**Sunday, January 12, 2003**

All day At leisure  
 Optional Tour: **El Yunque Rain Forest & Luquillo Beach**



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*Eng. Jack Allison, Executive Director, HTA*  
 12:30 PM Lunch  
 1:30 PM **Poster Session #1**  
 2:30 PM **Presentation on AMA-ATI and the Role of AMA**  
*Adaline Torres / Lourdes Suarez*  
 3:30 PM **Integration of Públicos in Tren Urbano**  
*Melba Díaz, Planner, HTA / Ariel Felix*  
 7:30 PM **Welcome & Get Acquainted Reception**  
 Casa de España en Puerto Rico, Old San Juan

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9:00 AM **Tren Urbano Start-Up (Sep 2003)**  
 Moderator: *Ricardo Alvarez*  
 Panelists:  
*Lin Nathan / Jack Flaherty, GMAEC*  
*Chris Fonta, Siemens*  
 10:30 AM **Exploring Public Education for Tren Urbano**  
*Isabel Lopés, HTA*  
 11:00 AM **Transportation Systems in Puerto Rico**  
*Rose Marie Bernier, Siemens Transit Team*  
 11:30 AM **Poster Session #2**  
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<b>Poster Session 1</b> <b>Tues., Jan 7</b> <b>1:30-2:30 PM</b>	<b>Poster Session 2</b> <b>Wed., Jan. 8</b> <b>11:30 AM -12:30 PM</b>	<b>Poster Session 3</b> <b>Thurs., Jan. 9</b> <b>11:30 AM -12:30 PM</b>	<b>Poster Session 4</b> <b>Fri., Jan. 10</b> <b>1:30 - 2:30 PM</b>
<ol style="list-style-type: none"> <li><b>1. Jasmi Alemañy, UPR</b> Análisis de las Alternativas para la Operación de carros Públicos en periodos de baja demanda.</li> <li><b>2. Marilyn Goyco, UPR</b> La Transportación Colectiva y TU.</li> <li><b>3. Eric Rodríguez, UPR</b> Sistema de monitoreo para Vehículos Públicos.</li> <li><b>4. Carelyn Torres, UPR</b> La Transportación Colectiva y TU.</li> <li><b>5. Mario Vélez, UPR</b> Visión Artificial para Monitorear los Carros Públicos en las Estaciones del Tren Urbano.</li> <li><b>6. Carmen Miranda, UPR</b> TU: Estación Río Piedras – Estación Universidad, “ Una Nueva Cultura Urbana y Desarrollo Social”</li> <li><b>7. Jeff Busby, MIT</b> Assessing the Long-Term Impact of Transit.</li> <li><b>8. Alexander Cohen, MIT</b> Mass Transit and Non-Work Travel: Ideas for Tren Urbano.</li> </ol>	<ol style="list-style-type: none"> <li><b>1. Rafael Blanco, UPR</b> Rio Piedras El Tren: La Maquina de la memoria.</li> <li><b>2. Cristina Hermida, UPR</b> Integracion de la Comunidad Venezuela a la Estacion de Rio Piedras y el Bosque Urbano.</li> <li><b>3. Zhigao Wang, MIT</b> Urban Rail Transit Operation Analysis by Simulation.</li> <li><b>4. Dyanik Cordova, UPR</b> Design Guidelines to Address Urban Renewal in Rio Piedras Engineering Design.</li> <li><b>5. Anubhav Gupta, MIT</b> To Study Confort Parameters that affects the Users in Transit Facilities.</li> <li><b>6. José Hernández, UPR</b> Terrorism Prevention, Preparedness and Response in Urban Rail Systems: Application to Tren Urbano.</li> <li><b>7. Annaloes Hesén, MIT</b> Transport De(Regulation): Requirements and Institutional Aspects for an Efficient Control (with Demian Raspall Galli)</li> <li><b>8. Michael Marella, MIT</b> Mitigating Transit Noise Through Urban Planning and Design.</li> </ol>	<ol style="list-style-type: none"> <li><b>1. Jordan Karp, MIT</b> The Strategic Implementation of Mixed-Use Transit Stations Through Joint Development.</li> <li><b>2. Aaron Kofman, MIT</b> An Urban Design Kit for the Developer's Tool set: Guidelines to Protect Stations From Transit-Adjacent Development.</li> <li><b>3. Ajay Martin, MIT</b> Analysis of 1990 and 2000 Census Data for Planning of Tren Urbano and for Service Improvements in Chicago Transit Authority System.</li> <li><b>4. Vanessa Miranda, UPR</b> Tren Urbano: Un Acercamiento Ecológico a la Transportación Colectiva.</li> <li><b>5. Bassel Younan, MIT</b> The Contribution of Enhanced Passenger Information in Public Transit Systems: Application to Tren Urbano and the Chicago Transit Authority.</li> <li><b>6. Coraly Moreno, UPR</b> Metodología para Determinar los Elementos y Actividades que le Añaden Valor a la Estación Jardines.</li> <li><b>7. Eduardo Pérez, UPR</b> Capacidad de Servicio y Desempeño del Tren Urbano ante Situaciones Especiales.</li> <li><b>8. Carlos Pérez, UPR</b> A Multimodal Dynamic Route Planner for Tren Urbano.</li> </ol>	<ol style="list-style-type: none"> <li><b>1. Cesar Garcia, UPR</b> Integración de la Comunidad Venezuela a la Estación de Rio Piedras y el Bosque Urbano</li> <li><b>2. Miguel Vescovachi</b> Evaluating Junction Performance in Rapid Rail Lines.</li> <li><b>3. Roberto Pagán UPR</b> Amenidades para Peatones: Análisis de las Periferias de las Estaciones del Tren Urbano y Areas de Alto Tráfico Peatonal en el Area Metropolitana de San Juan.</li> <li><b>4. Mariel Lacourt</b> Bayamón Station and its Surroundings: Desirable Characteristics Needed to Attract Non-Metropolitan Potential Riders.</li> <li><b>5. Demian Raspall- Galli</b> Transport (De)Regulation: Requirements and Institutional Aspects for an Efficient Control (with Anneloes Hesén).</li> <li><b>6. Jing Su</b> Transit Corridor: A System of Service and Places - Integrated Urban Design Tactics for Elevated Train Lines.</li> <li><b>7. Julie Kirschbaum</b> Making Transfers More Viable for Bus Riders: A Decision Making Framework for Reducing Actual and Perceived Transfer Wait Time.</li> <li><b>8. Isaac Moses</b> Real-time Estimation of Transit Vehicle Locations and Passenger Loads: An Evaluation.</li> </ol>

**Tren Urbano UPR – MIT Professional Development Research Program  
Group 9 Photo Directory**



**Jasmi C. Alemany**  
Civil Engineering  
UPR - Mayagüez



**Alexander Cohen**  
Urban Studies & Planning  
MIT



**Rafael F. Blanco**  
Architecture  
UPR – Mayagüez



**Daianyk Córdova**  
Civil Engineering  
UPR – Mayagüez



**Jeffrey Busby**  
Center for Transportation & Logistic  
MIT



**César García**  
Urban Studies & Planning  
UPR – Rio Piedras

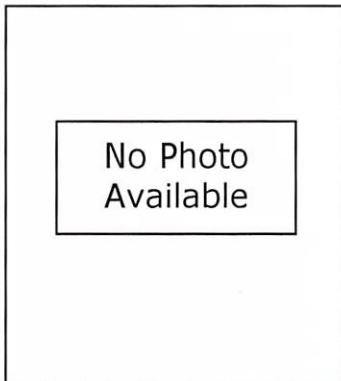
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**Marilyn J. Goyco**  
Mechanical Engineering  
UPR - Mayagüez



**José M. Hernández**  
Social Sciences  
UPR – Mayagüez



**Anubhav Gupta**  
Architecture  
MIT



Anneloes Heslen  
Engineering System Division  
MIT



**Cristina T. Hermida**  
Civil Engineering  
UPR – Mayagüez



**Jordan Karp**  
Urban Studies & Planning  
MIT

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**Julie Kirschbaum**  
Urban Studies & Planning  
MIT



**Michael Marrella**  
Urban Studies & Planning  
MIT



**Aaron Koffman**  
Urban Studies & Planning  
MIT



**Ajay Martin**  
Center for Transportation & Logistic  
MIT



**Mariel Lacourt**  
Bussines Management  
UPR – Mayagüez

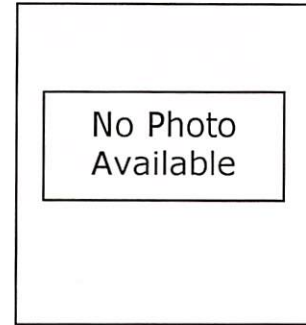


**Carmen Miranda**  
Urban Studies & Planning  
UPR – Rio Piedras

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**Vanessa Miranda**  
Architecture  
UPR – Rio Piedras



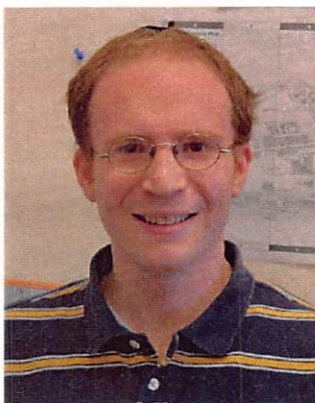
**Griselle Negrón**  
Civil Engineering  
HTA



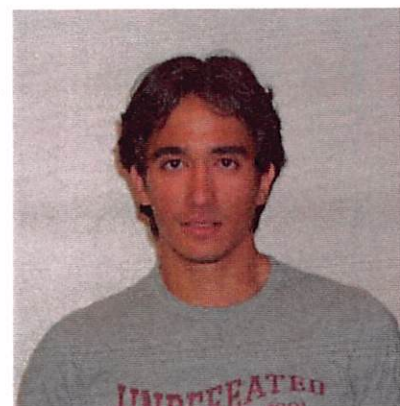
**Coraly Moreno**  
Business Management  
UPR – Mayagüez



**Roberto Pagán**  
Social Sciences  
UPR – Mayagüez

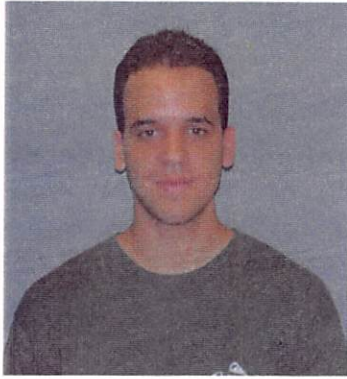


**Isaac Mosses**  
Center for Transportation & Logistic  
MIT

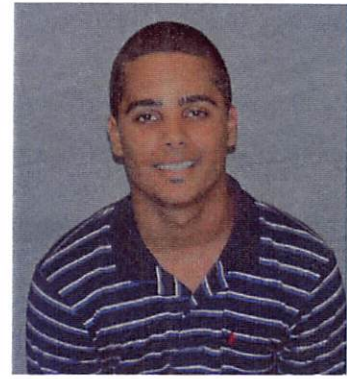


**Carlos G. Pérez**  
Computer Engineering  
UPR – Mayagüez

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**Eduardo Pérez**  
Industrial Engineering  
UPR - Mayagüez



**Erick J. Rodríguez**  
Electrical Engineering  
UPR - Mayagüez



**Demian Raspall**  
Center for Transportation & Logistics  
MIT



**Jing Su**  
Architecture/Urban Studies & Planning  
MIT



**Derick Rodríguez**  
Civil Engineering  
HTA



**Carelyn Y. Torres**  
Industrial Engineering  
UPR - Mayagüez

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**Mario Vélez**  
Computer Engineering  
UPR – Mayagüez



**Miguel Vescovacci**  
Center for Transportation & Logistics  
MIT



**Bassel Younan**  
Center for Transportation & Logistics  
MIT

**Tren Urbano UPR-MIT Professional Development and Research Program - January 2003  
Student Directory**

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**Alemañy**                      *Jasmi*  
**Address:** HC 02 Box 11665  
San Germán PR 00683-0000  
**Phone:** (787) 892-0862  
**Email:** jasmialemany@yahoo.com  
**Institution:** UPR Mayagüez  
**Research Topic:** *Análisis de las Alternativas para la Operación de Carros Públicos en Períodos de Baja Demanda*

---

**Cohen**                                      *Alexander*  
**Address:** 419 W 48th St., Apt. 3E  
New York NY 10036-0000  
**Phone:** (212) 459-1713  
**Email:** anc8@mit.edu  
**Institution:** MIT  
**Research Topic:** *Mass Transit and Non-Work Travel: Ideas for Tren Urbano*

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**Blanco**                                      *Rafael III*  
**Address:** P.O. Box 21646 U.P.R. Station  
San Juan PR 00931-1646  
**Phone:** (787) 764-4628  
**Email:** iiiblanco@yahoo.com  
**Institution:** UPR Rio Piedras  
**Research Topic:** *El Tren: La Máquina de la Memoria*

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**Córdova**                                      *Daianyk*  
**Address:** Villas de la Playa #172  
Vega Baja PR 00693-0000  
**Phone:** (787) 855-8057  
**Email:** dainy98@hotmail.com  
**Institution:** UPR Mayagüez  
**Research Topic:** *Design Guidelines to Address Urban Renewal in Rio Piedras*

---

**Busby**                                      *Jeff*  
**Address:** 550 Memorial Drive, #16E-4  
Cambridge MA 02139-0000  
**Phone:** (617) 642-0454  
**Email:** jbusby@mit.edu  
**Institution:** MIT  
**Research Topic:** *Assessing the Long-Term Impact of Transit*

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**García**                                      *César*  
**Address:** c/Segovia 4, 3-A 28850 Torreson de Ardoz  
Madrid España  
**Phone:** (787) 764-0000  
**Email:** zesvski@yahoo.es  
**Institution:** UPR Rio Piedras  
**Research Topic:** *Integración de la Comunidad Venezuela a la Estación de Rio Piedras y el Bosque Urbano*

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**Tren Urbano UPR-MIT Professional Development and Research Program - January 2003  
Student Directory**

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**Kirschbaum**                      **Julie**  
**Address:** 26 Columbia St.  
                 Cambridge MA 02139-0000  
**Phone:** (617) 270-7081  
**Email:** jbk@mit.edu  
**Institution:** MIT  
**Research Topic:** *Making Transfers More Viable for Bus Riders: A Decision Making Framework for Reducing Actual and Perceived Transfer Wait Time*

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**Marella**                              **Michael**  
**Address:** 243 Highland Ave., Apt. 1  
                 Somerville MA 02143-0000  
**Phone:** (617) 628-7479  
**Email:** marella@mit.edu  
**Institution:** MIT  
**Research Topic:** *Mitigating Transit Noise Through Urban Planning and Design*

---

**Koffman**                              **Aaron**  
**Address:** 12 Beech St., #2  
                 Cambridge MA 02140-0000  
**Phone:** (617) 661-0112  
**Email:** akoffman@mit.edu  
**Institution:** MIT  
**Research Topic:** *An Urban Design Kit for the Developer's Toolkit: Guidelines to Protect Stations From Transit-Adjacent Development*

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**Martin**                                **Ajay**  
**Address:** 550 Memorial Drive, #14E-1  
                 Cambridge MA 02139-0000  
**Phone:** (617) 225-1642  
**Email:** amartin@mit.edu  
**Institution:** MIT  
**Research Topic:** *Analysis of 1990 and 2000 Census Data for Planning of Tren Urbano and for Service Improvements in Chicago Transit Authority System*

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**Lacourt**                              **Marisel**  
**Address:** Box 3761  
                 Mayagüez PR 00680-0000  
**Phone:** (787) 831-0775  
**Email:** mlacourt@caribe.net  
**Institution:** UPR Mayagüez  
**Research Topic:** *Bayamón Station and its Surroundings: Desirable Characteristics Needed to Attract Non-Metropolitan Potential Riders*

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**Miranda**                              **Vanessa**  
**Address:** HC-01 Box 5007  
                 Juana Díaz PR 00795-9712  
**Phone:** (787) 837-6493  
**Email:** vmirandadiaz@yahoo.com  
**Institution:** UPR Rio Piedras  
**Research Topic:** *Tren Urbano: Un Acercamiento Ecológico a la Transportación Colectiva*

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**Miranda**                      **Carmen**                      **N.**  
**Address:** HC-01 Box 5007  
                    Juana Díaz      PR      00795-9712  
**Phone:** (787) 837-6493  
**Email:** carmenmiranda@hotmail.com  
**Institution:** UPR Río Piedras  
**Research**      *TU: Estación Río Piedras - Estación*  
**Topic:**              *Universidad, "Una Nueva Cultura Urbana y*  
                    *Desarrollo Social"*

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**Pagán**                                      **Roberto**  
**Address:** Calle 1-B-26 Urb. Guarico  
                    Vega Baja      PR      00693-0000  
**Phone:** (787) 855-1310  
**Email:** robertopagan21@hotmail.com  
**Institution:** UPR Mayagüez  
**Research**      *Amenidades para Peatones: Análisis de las*  
**Topic:**              *Periferias de las Estaciones del Tren Urbano*  
                    *y Areas de Alto Tráfico Peatonal en el Area*  
                    *Metropolitana de San Juan*

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**Moreno**                                      **Coraly**  
**Address:** Ramal 485 #6792  
                    Quebradillas      PR      00678-0000  
**Phone:** (787) 895-4046  
**Email:** coralymoreno@lycos.com  
**Institution:** UPR - Mayagüez  
**Research**      *Metodología para Determinar los Elementos*  
**Topic:**              *y Actividades que le Añaden Valor a la*  
                    *Estación Jardines*

---

**Pérez**    **Eduardo**  
**Address:** Box 1087  
                    Toa Alta      PR      00954-0000  
**Phone:** (787) 870-3052  
**Email:** e\_perez\_roman@yahoo.com  
**Institution:** UPR Mayagüez  
**Research**      *Capacidad de Servicio y Desempeño del*  
**Topic:**              *Tren Urbano ante Situaciones Especiales*

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**Moses**    **Isaac**  
**Address:** 540 Memorial Drive, #510  
                    Cambridge      MA      02139-0000  
**Phone:** (617) 577-5539  
**Email:** imoses@mit.edu  
**Institution:** MIT  
**Research**      *Real-time Estimation of Transit Vehicle*  
**Topic:**              *Locations and Passenger Loads: An*  
                    *Evaluation*

---

**Pérez**    **Carlos**                      **G.**  
**Address:** Box 1012  
                    Isabela      PR      00662-0000  
**Phone:** (787) 872-3488  
**Email:** ipipo@mac.com  
**Institution:** UPR Mayagüez  
**Research**      *A Multimodal Dynamic Route Planner for*  
**Topic:**              *Tren Urbano*

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Student Directory**

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**Raspall-Galli**                      **Demian**  
**Address:** 70 Pacific St., Apt. 302B  
                  Cambridge    MA    02139-0000  
**Phone:**    (617) 452-4341  
**Email:**     draspall@mit.edu  
**Institution:** MIT  
**Research**    *Transport (De)Regulation: Requirements*  
**Topic:**       *and Institutional Aspects for an Efficient*  
                  *Control (with anneloes Hesen)*

---

**Torres**                                **Carelyn**  
**Address:** Urb. Valparaíso H6 Calle 6  
                  Toa Baja            PR    00949-0000  
**Phone:**    (787) 795-9696  
**Email:**     cytorres@centennialpr.net  
**Institution:** UPR Mayagüez

**Research**    *La Transportación Colectiva y TU*  
**Topic:**

---

**Rodríguez**                      **Erick**                      **J.**  
**Address:** HC 01 Box 10150  
                  Lajas                    PR    00667-0000  
**Phone:**    (787) 899-1829  
**Email:**     ponkyrs@yahoo.com  
**Institution:** UPR Mayaguez  
**Research**    *Sistema de Monitoreo para Vehículos*  
**Topic:**       *Públicos*

---

**Vélez**                                **Mario**  
**Address:** HC-01 Box 10153  
                  Lajas                    PR    00667-0000  
**Phone:**    (787) 899-3747  
**Email:**     marioalberto\_icom@yahoo.com  
**Institution:** UPR Mayagüez  
**Research**    *Visión Artificial para Monitorear los Carros*  
**Topic:**       *Públicos en las Estaciones del Tren Urbano*

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**Su**                                      **Jing**  
**Address:** MIT Room NW30 #348  
                  Cambridge    MA    02139-0000  
**Phone:**    (617) 225-6656  
**Email:**     jingsu@mit.edu  
**Institution:** MIT  
**Research**    *Transit Corridor: A System of Service and*  
**Topic:**       *Places - Integrated Urban Design Tactics for*  
                  *Elevated Train Lines*

---

**Vescovacci**                      **Miguel**                      **A.**  
**Address:** 434 Massachusetts Ave., #1  
                  Cambridge    MA    02139-0000  
**Phone:**    (617) 759-9584  
**Email:**     m\_vesco@mit.edu  
**Institution:** MIT  
**Research**    *Evaluating Junction Performance in Rapid*  
**Topic:**       *Rail Lines*

---

**Tren Urbano UPR-MIT Professional Development and Research Program - January 2003  
Student Directory**

---

**Wang**

***Zhigao***

**Address:** 437 Snell Engineering Bldg, 360 Hamiltong Ave.

Boston MA 02115-0000

**Phone:** (781) 322-2912

**Email:** wzhigao@coe.neu.edu

**Institution:** Northeastern University

**Research Topic:** *Urban Rail Transit Operation Analysis by Simulation*

---

**Younan**

***Bassel***

**Address:** 70 Pacific St., Apt. 746B

Cambridge MA 02139-0000

**Phone:** (617) 452-4794

**Email:** byounan@mit.edu

**Institution:** MIT

**Research Topic:** *The Contribution of Enhanced Passenger Information in Public Transit Systems: Application to Tren Urbano and the Chicago Transit Authority*

---

**Tren Urbano UPR-MIT Professional Development and Research Program - January 2003**  
**Faculty and Staff Directory**

---

**Bartolomei**

**Sonia**

**Address:** P.O. Box 9043  
Mayaguez PR 00681-9043  
**Phone:** (787) 265-3819  
**Fax:** (787) 265-3820  
**E-mail:** sonia@ece.uprm.edu  
**Affiliation:** UPR  
**Discipline:** Industrial Engineering

---

**Gutierrez**

**Jaime**

**Address:** UPR, Dept. Ciencias Sociales, P.O.  
Box 9266  
Mayagüez PR 00681-9266  
**Phone:** (787) 832-4040 ext. 3699  
**Fax:** (809) 265-5440  
**E-mail:** J\_Gutierrez@rumac.upr.clu.edu  
**Affiliation:** UPR  
**Discipline:** Social dimensions of transportation systems

---

**Colucci**

**Benjamin**

**Address:** Dept. Civil Engineering, RUM, P.O.  
Box 9041  
Mayagüez PR 00681-9041  
**Phone:** (787) 834-6385  
**Fax:** (787) 265-5695  
**E-mail:** bcolucci@ce.uprm.edu  
**Affiliation:** UPR  
**Discipline:** Civil Engineering, Transportation

---

**Kruckemeyer**

**Kenneth**

**Address:** Center for Transportation Studies,  
MIT, Room 1-276  
Cambridge MA 02139  
**Phone:** (617) 253-8003  
**Fax:** (617) 247-2413  
**E-mail:** kek@mit.edu  
**Affiliation:** MIT  
**Discipline:** Architecture, urban design,  
transportation systems

---

**Furth**

**Peter**

**Address:** 437 Snell Engineering Bldg., 360  
Huntington Ave.  
Boston MA 02115  
**Phone:** (617) 373-2447  
**Fax:** (617) 373-4419  
**E-mail:** pfurth@coe.neu.edu  
**Affiliation:** Northeastern University  
**Discipline:** Civil and Environmental Engineering,  
Traffic engineering

---

**Luyanda**

**Felipe**

**Address:** Dept. Civil Engineering, RUM, P.O.  
Box 5000  
Mayagüez PR 00681-5000  
**Phone:** (787) 834-6385  
**Fax:** (787) 265-5695  
**E-mail:** luyanda@ce.uprm.edu  
**Affiliation:** UPR  
**Discipline:** Civil Engineering, Transportation

---

**González**

**Gisela**

**Address:** Centro de Transferencia de  
Tecnología, Depto. Ingeniería Civil,  
Mayagüez PR 00681-9041  
**Phone:** (787) 834-6385  
**Fax:** (787) 265-5695  
**E-mail:** gisela@ce.uprm.edu  
**Affiliation:** UPR  
**Discipline:** Administrative Support

---

**Martland**

**Cart D.**

**Address:** MIT, Room 1-253  
Cambridge MA 02139  
**Phone:** (617) 253-5326  
**Fax:** (617) 258-5942  
**E-mail:** martland@mit.edu  
**Affiliation:** MIT  
**Discipline:** Civil and Environmental Engineering

---

**Tren Urbano UPR-MIT Professional Development and Research Program - January 2003**  
**Faculty and Staff Directory**

---

**Murga**                      **Mikel**

**Address:**            Apartado 79 48930 Las Arenas

                                 Bizkaia                      Spain

**Phone:**                +34 94 464 3355

**Fax:**                    +34 94 464 356

**E-mail:**                mmurga@compuserve.com

**Affiliation:**        MIT

**Discipline:**        Planificación e Ingeniería

---

**Sepúlveda**                **Aníbal**

**Address:**            Escuela Graduada de Planificación,  
UPR, Río Piedras, Apartado 23354

                                 San Juan                      PR            00931-3354

**Phone:**                (787) 763-7590

**Fax:**                    (787) 763-5375

**E-mail:**                anibalsepulveda@yahoo.com

**Affiliation:**        UPR

**Discipline:**        Urban Planning

---

**Rubio**                      **Diana C.**

**Address:**            Tren Urbano Office, 398 Jesús T.  
Piñero Ave.

                                 San Juan                      PR            00918

**Phone:**                (787) 765-0927 ext. 1203

**Fax:**                    (787) 765-3885

**E-mail:**                drubio@trenurbano.dtop.gov.pr

**Affiliation:**        Tren Urbano Office/GMAEC

**Discipline:**        Administrative Support

---

**Siggia**                      **Ginny**

**Address:**            MIT Room 1-240,

                                 Cambridge,                      MA            02139

**Phone:**                (617) 258-8131

**Fax:**                    (617) 258-8073

**E-mail:**                siggia@mit.edu

**Affiliation:**        MIT

**Discipline:**        Administrative support

---

**Salvucci**                      **Frederick P.**

**Address:**            MIT, Room 1-230

                                 Cambridge                      MA            02139

**Phone:**                (617) 253-5378

**Fax:**                    (617) 258-8073

**E-mail:**                slavucci@mit.edu

**Affiliation:**        MIT

**Discipline:**        Public transportation policy

---

**Toledo**                      **Manuel**

**Address:**            P.O. Box 9042

                                 Mayaguez                      PR            00681-9042

**Phone:**                (787) 820-7578

**Fax:**                    (787) 820-7578

**E-mail:**                mtoledo@ece.uprm.edu

**Affiliation:**        UPR

**Discipline:**        Electrical Engineering

---

**Sennyey**                      **Esteban**

**Address:**            Escuela de Arquitectura, UPR, Río  
Piedras, P.O. Box 21809

                                 San Juan                      PR            00931-1809

**Phone:**                (787) 776-8390

**Fax:**                    (787) 763-5377

**E-mail:**                elsennyey@aol.com

**Affiliation:**        UPR

**Discipline:**        Architecture, Urban Design

---

**Valdés**                      **Didier**

**Address:**            Dpto. Ing.Civil, RUM, PO Box 9041

                                 Mayaguez                      PR            00681-9041

**Phone:**                (787) 832-4040 ext. 3392

**Fax:**                    (787) 833-8260

**E-mail:**                dvaldes@ce.uprm.edu

**Affiliation:**        UPR

**Discipline:**        Civil Engineering

---

**Tren Urbano UPR-MIT Professional Development and Research Program - January 2003**  
**Faculty and Staff Directory**

---

**Vázquez**

**Vivian**

**Address:** Tren Urbano Office, 398 Jesús T.  
Piñero Ave.  
San Juan PR 00918  
**Phone:** (787) 765-0927 ext. 388  
**Fax:** (787) 765-3885  
**E-mail:** vvazquez@trenurbano.dtop.gov.pr  
**Affiliation:** Tren Urbano Office/GMAEC  
**Discipline:** Administrative Support

---

**Wilson**

**Nigel H. M.**

**Address:** MIT, Room 1-238  
Cambridge MA 02139  
**Phone:** (617) 253-5046  
**Fax:** (617) 258-8073  
**E-mail:** nhmw@mit.edu  
**Affiliation:** MIT  
**Discipline:** Civil and Environmental Engineering

---

## Student Research by Category Group 9

Last Name:	First Name:	University:	Research Topic:	Research Category:	Advisor:
Alemañy	Jasmi	UPR Mayagüez	Análisis de las Alternativas para la Operación de Carros Públicos en Períodos de Baja Demanda	Buses / Publicos	Didier Valdés
Blanco	Rafael	UPR Rio Piedras	El Tren: La Máquina de la Memoria	Architecture	Esteban Seney
Busby	Jeff	MIT	Assessing the Long-Term Impact of Transit	Planning	Fred Salvucci / Mikel Murga
Cohen	Alexander	MIT	Mass Transit and Non-Work Travel: Ideas for Tren Urbano	Urban Design	Fred Salvucci / Coughlin
Córdova	Daianyk	UPR Mayagüez	Design Guidelines to Address Urban Renewal in Rio Piedras	Engineering Design	Benjamín Colucci
García	César	UPR Rio Piedras	Integración de la Comunidad Venezuela a la Estación de Rio Piedras y el Bosque Urbano	Planning	Aníbal Sepúlveda
Goyco	Marilyn	UPR Mayagüez	La Transportación Colectiva y TU	Buses / Publicos	Sonia Bartolomei
Gupta	Anubhav	MIT	To Study Confort Parameters that Affects the Users in Transit Facilities	Architecture	Kruckemeyer
Hermida	Cristina	UPR Mayagüez	Integration of the Tren Urbano System to the Carolina Municipality	Engineering Design	Benjamín Colucci
Hernández	José	UPR Mayagüez	Terrorism Prevention, Preparedness and Response in Urban Rail Systems: Application to Tren Urbano	Operations	Jaime Gutierrez
Hesen	Annaloes	MIT	Transport De(Regulation): Requirements and Institutional Aspects for an Efficient Control (with Demian Raspall Galli)	Technology Policy	Fred Salvucci
Karp	Jordan	MIT	The Strategic Implementation of Mixed-Use Transit Stations Through Joint Development	Urban Design	Ken Kruckemeyer

## Student Research by Category Group 9

Last Name:	First Name:	University:	Research Topic:	Research Category:	Advisor:
Kirschbaum	Julie	MIT	Making Transfers More Viable for Bus Riders: A Decision Making Framework for Reducing Actual and Perceived Transfer Wait Time	Buses / Publicos	Nigel Wilson
Koffman	Aaron	MIT	An Urban Design Kit for the Developer's Tool set: Guidelines to Protect Stations From Transit-Adjacent Development	Urban Design	Fred Salvucci
Lacourt	Mariel	UPR Mayagüez	Bayamón Station and its Surroundings: Desirable Characteristics Needed to Attract Non-Metropolitan Potential Riders	Marketing / Customer Information	Jorge I. Vélez
Marella	Michael	MIT	Mitigating Transit Noise Through Urban Planning and Design	Urban Design	Ken Kruckemeyer
Martin	Ajay	MIT	Analysis of 1990 and 2000 Census Data for Planning of Tren Urbano and for Service Improvements in Chicago Transit Authority System	Operations	Nigel Wilson / Mikel Murga
Miranda	Vanesa	UPR Rio Piedras	Tren Urbano: Un Acercamiento Ecológico a la Transportación Colectiva	Architecture	Esteban Senyey
Miranda	Carmen	UPR Rio Piedras	TU: Estación Rio Piedras - Estación Universidad, "Una Nueva Cultura Urbana y Desarrollo Social"	Planning	Aníbal Sepúlveda
Moreno	Coraly	UPR - Mayagüez	Metodología para Determinar los Elementos y Actividades que le Añaden Valor a la Estación Jardines	Management	Jorge I. Velez Arocho
Moses	Isaac	MIT	Real-time Estimation of Transit Vehicle Locations and Passenger Loads: An Evaluation		
Pagán	Roberto	UPR Mayagüez	Amenidades para Peatones: Análisis de las Periferias de las Estaciones del Tren Urbano y Areas de Alto Tráfico Peatonal en el Area Metropolitana de San Juan	Bicycles / Pedestrian	Jaime Gutierrez
Pérez	Eduardo	UPR Mayagüez	Capacidad de Servicio y Desempeño del Tren Urbano ante Situaciones Especiales	Operations	Sonia Bartolomei

### Student Research by Category Group 9

Last Name:	First Name:	University:	Research Topic:	Research Category:	Advisor:
Pérez	Carlos	UPR Mayagüez	A Multimodal Dynamic Route Planner for Tren Urbano	Traffic Engineering	Manuel Toledo
Raspall-Galli	Demian	MIT	Transport (De)Regulation: Requirements and Institutional Aspects for an Efficient Control (with anneloes Hesen)	Planning	Fred Salvucci
Rodríguez	Erick	UPR Mayaguez	Sistema de Monitoreo para Vehículos Públicos	Buses / Publicos	Manuel Toledo
Su	Jing	MIT	Transit Corridor: A System of Service and Places - Integrated Urban Design Tactics for Elevated Train Lines	Architecture	Ken Kruckemeyer
Torres	Carelyn	UPR Mayagüez	La Transportación Colectiva y TU	Buses / Publicos	Sonia Bartolomei
Vélez	Mario	UPR Mayagüez	Visión Artificial para Monitorear los Carros Públicos en las Estaciones del Tren Urbano	Buses / Publicos	Manuel Toledo
Vescovacci	Miguel	MIT	Evaluating Junction Performance in Rapid Rail Lines	Operations	Nigel Wilson
Wang	Zhigao	Northeastern University	Urban Rail Transit Operation Analysis by Simulation		
Younan	Bassel	MIT	The Contribution of Enhanced Passenger Information in Public Transit Systems: Application to Tren Urbano and the Chicago Transit Authority	Operations	Nigel Wilson

9<sup>th</sup> UPR-MIT Conference on Tren Urbano  
January 7-12, 2003  
**Conference Speakers Contact List**

**Dr. Jack Allison**

Executive Director  
Highway & Transportation Authority  
PO Box 42007  
San Juan, PR 00940-2007  
Phone: (787) 729-1540  
[JAllison@act.dtop.gov.pr](mailto:JAllison@act.dtop.gov.pr)

**Eng. Ricardo Alvarez**

Project Director  
Tren Urbano Office  
398 Jesús T. Piñero Ave.  
San Juan PR 00918  
Phone: (787) 765-0927 ext. 304  
[ralvarez@trenurbano.dtop.gov.pr](mailto:ralvarez@trenurbano.dtop.gov.pr)

**Mr. Arturo Ardila**

Graduate Student  
MIT  
784 Main Street, #1  
Cambridge, MA 02139  
Phone: (617) 492-5922  
[aardila@mit.edu](mailto:aardila@mit.edu)

**Rose Marie Bernier**

Technology Transfer Manager  
Siemens Transit Team  
24 Road 21  
Guaynabo, P.R 00966  
Phone: (787) 402-1311  
[rmbernier@yahoo.com](mailto:rmbernier@yahoo.com)

**Carmen Correa**

Local Office Manager  
Steer Davies Gleare  
398 Avenida Jesús T. Piñero  
San Juan, PR 00918  
Phone: (787) 765-0927 ext. 292, 293, 1550  
[c.correa@sdgworld.net](mailto:c.correa@sdgworld.net)

**Dr. Benjamín Colucci**

Transportation Technology Transfer Center  
Director  
Civil Engineering Department  
P.O. Box 9041  
Mayagüez, PR 00681-9041  
Phone: (787) 834-6583  
[bcolucci@ce.uprm.edu](mailto:bcolucci@ce.uprm.edu)

**Melba Díaz**

Transportation Planner  
Department of Transportation & Public Works  
16 Floor, 1604 office  
Minillas South Building  
Hato Rey, PR 00940  
Phone: (787) 721-8787 ext. 1636  
[melbadiaz@act.dtop.gov.pr](mailto:melbadiaz@act.dtop.gov.pr)

**Dr. Fernando Fagundo**

Secretary  
Highway & Transportation Authority  
PO Box 42007  
San Juan, PR 00940-2007  
Phone: (787) 729-1532  
[FFagundo@act.dtop.gov.pr](mailto:FFagundo@act.dtop.gov.pr)

**William R. Fernandez**

Director of Transit Systems Planning and  
Development  
MARTA  
2424 Piedmont Rd, NE  
Atlanta, Georgia 30324-3300  
Phone: (404) 848-5828  
[wfernandez@itsmarta.com](mailto:wfernandez@itsmarta.com)

**Jack Flaherty**

Operations Director  
Tren Urbano Office  
398 Jesus T. Piñero  
Hato Rey, PR 00918  
Phone: (787) 765-0927 ext. 1238  
[JFlaherty@trenurbano.dtop.gov.pr](mailto:JFlaherty@trenurbano.dtop.gov.pr)

**Eng. Chris Fonta**

Systems Group  
Siemens Transit Team  
24 Road 21  
Guaynabo, P.R 00966  
Phone: (787) 641-7900

**Helen Gault**

Manager of Planning and Development for  
Transit Services  
OC Transpo  
1500 ST Lauren Blvd  
Ottawa, ONT K1G 0Z8 Canada  
Phone: (613) 842-3636 ext. 2359  
[helen.gault@ottawa.ct](mailto:helen.gault@ottawa.ct)

**Arch. Ken Kruckemeyer**

Center for Transportation Studies,  
MIT, Room 1-276  
Cambridge, MA 02139  
Phone: (617) 253-8003  
[kek@mit.edu](mailto:kek@mit.edu)

**Frank Kruesi**

President, Chicago Transit Authority  
Merchandise Mart Plaza  
Box 3555  
Chicago, IL 60654  
Phone: (312) 664-7200  
[fkruesi@transitchicago.com](mailto:fkruesi@transitchicago.com)

9<sup>th</sup> UPR-MIT Conference on Tren Urbano  
January 7-12, 2003  
**Conference Speakers Contact List**

**Isabel Lopés**

Community Relations Director  
Tren Urbano Office  
398 Jesus T. Piñero  
Hato Rey, PR 00918  
Phone: (787) 765-0927 ext. 1307  
[ILopez@trenurbano.dtop.gov.pr](mailto:ILopez@trenurbano.dtop.gov.pr)

**Dr. Gabriel Moreno**

Environmental Sciences Program  
University of Puerto Rico  
Phone: (787) 764-0000 ext. 2550  
[gmoreno@caribe.net](mailto:gmoreno@caribe.net)

**Michael H. Mulhern**

General Manager  
MBTA  
10 Park Plaza  
Boston, MA 02116 -3975  
Phone: (617) 222-6180  
[gm@mbta.com](mailto:gm@mbta.com)

**Eng. Mikel Murga**

Leber Planificación e Ingeniería S.A.  
Apartado 79  
48930-Las Arenas, Bizkaia, Spain  
Phone: +34 94 464 3355  
[mmurga@compuserve.com](mailto:mmurga@compuserve.com)

**Lin Nathan**

Program Manager GMAEC  
Tren Urbano Office  
398 Jesus T. Piñero  
Hato Rey, PR 00918  
Phone: (787) 767-0927 ext. 1271  
[LNathan@trenurbano.dtop.gov.pr](mailto:LNathan@trenurbano.dtop.gov.pr)

**Arch. Elmo Ortíz**

Urban Design Manager  
Tren Urbano Office  
398 Avenida Jesús T. Piñero  
San Juan, PR 00918  
Phone: (787) 765-0927 ext. 235  
[eortiz@trenurbano.dtop.gov.pr](mailto:eortiz@trenurbano.dtop.gov.pr)

**Ms. Diana C. Rubio**

Technology Transfer Manager  
Tren Urbano Office  
398 Avenida Jesús T. Piñero  
San Juan, PR 00918  
Phone (787) 620-1035  
[lmercado@trenurbano.dtop.gov.pr](mailto:lmercado@trenurbano.dtop.gov.pr)

**Adaline Torres Santiago**

Presidenta Autoridad Metropolitana de  
Autobuses  
P.O. Box 195349  
San Juan, PR 00919-5349  
Phone: (787) 767-7979 ext. 401  
[atorres@ama.gobierno.pr](mailto:atorres@ama.gobierno.pr)

**PROGRAM EVALUATION FORM**  
**9<sup>th</sup> UPR/MIT CONFERENCE ON TREN URBANO**  
**January 7-12, 2003**

Please rate each activity for its overall value and, when appropriate, for the presentation quality. Circle a number on a **1 to 5 scale**, with **5** representing great value or excellent presentation quality and **1** representing no value or poor presentation quality.

Day/Time	Topic	Speaker		Value of Session or Activity		Presentation Quality
<b>Tuesday, January 7</b>						
11:00 AM	<i>HTA: A Multimodal Agency</i>	Fernando Fagundo	<b>1</b>	1 2 3 4 5	<b>2</b>	1 2 3 4 5
11:45 AM	<i>Tren Urbano Project Update</i>	Jack Allison	<b>3</b>	1 2 3 4 5	<b>4</b>	1 2 3 4 5
2:30 PM	<i>Presentation on AMA-ATI and the Role of AMA</i>	Adaline Torres	<b>5</b>	1 2 3 4 5	<b>6</b>	1 2 3 4 5
3:30 PM	<i>Integration of Públicos in Tren Urbano</i>	Melba Díaz	<b>7</b>	1 2 3 4 5	<b>8</b>	1 2 3 4 5
7:30 PM	<i>Welcome &amp; Get Acquainted Reception</i>		<b>9</b>	1 2 3 4 5	<b>10</b>	1 2 3 4 5
<b>Wednesday, January 8</b>						
9:00 AM	<i>Tren Urbano Start-Up (Sep 2003)</i>	Ricardo Alvarez	<b>11</b>	1 2 3 4 5	<b>12</b>	1 2 3 4 5
		Lin Nathan	<b>13</b>	1 2 3 4 5	<b>14</b>	1 2 3 4 5
		Jack Flaherty	<b>15</b>	1 2 3 4 5	<b>16</b>	1 2 3 4 5
		Chris Fonta	<b>17</b>	1 2 3 4 5	<b>18</b>	1 2 3 4 5
10:30 AM	<i>Exploring Public Education for Tren Urbano</i>	Isabel Lopés	<b>19</b>	1 2 3 4 5	<b>20</b>	1 2 3 4 5
11:00 AM	<i>Transportation Systems in Puerto Rico</i>	Rose Marie Bernier	<b>21</b>	1 2 3 4 5	<b>22</b>	1 2 3 4 5
2:00 PM	<i>Experiencing Public Transportation in SJMA</i>		<b>23</b>	1 2 3 4 5	<b>24</b>	1 2 3 4 5
4:00 PM	<i>Walking Tour of Old San Juan</i>	Rose Marie Bernier	<b>25</b>	1 2 3 4 5	<b>26</b>	1 2 3 4 5
		Gabriel Moreno	<b>27</b>	1 2 3 4 5	<b>28</b>	1 2 3 4 5

**PROGRAM EVALUATION FORM**  
**9<sup>th</sup> UPR/MIT CONFERENCE ON TREN URBANO**  
 January 7-12, 2003

<b>Thursday, January 9</b>						
9:00 AM	<i>International Transit Systems</i>	William Fernández	<b>29</b>	1 2 3 4 5	<b>30</b>	1 2 3 4 5
		Mikel Murga	<b>31</b>	1 2 3 4 5	<b>32</b>	1 2 3 4 5
		Arturo Ardila	<b>33</b>	1 2 3 4 5	<b>34</b>	1 2 3 4 5
1:30 PM	<i>Joint Development and Land Use</i>	Elmo Ortiz	<b>35</b>	1 2 3 4 5	<b>36</b>	1 2 3 4 5
2:30 PM	<i>Tour of Río Piedras Tunnel</i>		<b>37</b>	1 2 3 4 5	<b>38</b>	1 2 3 4 5
<b>Friday, January 10</b>						
9:00 AM	<i>Systems Integration</i>	John Sedlack	<b>39</b>	1 2 3 4 5	<b>40</b>	1 2 3 4 5
9:00 AM	<i>Video: Cities for People</i>	Mikel Murga	<b>41</b>	1 2 3 4 5	<b>42</b>	1 2 3 4 5
		Ken Kruckemeyer	<b>43</b>	1 2 3 4 5	<b>44</b>	1 2 3 4 5
2:30 PM	<i>Introducing New Transit Services</i>	Ken Kruckemeyer	<b>45</b>	1 2 3 4 5	<b>46</b>	1 2 3 4 5
		Frank Kruesi	<b>47</b>	1 2 3 4 5	<b>48</b>	1 2 3 4 5
		Mike Mulhern	<b>49</b>	1 2 3 4 5	<b>50</b>	1 2 3 4 5
3:45 PM	<i>Bus Rapid Transit</i>	Helen Gault	<b>51</b>	1 2 3 4 5	<b>52</b>	1 2 3 4 5
<b>Saturday, January 11</b>						
9:00 AM	<i>Helicopter Tour of Tren Urbano Alignment</i>		<b>53</b>	1 2 3 4 5	<b>54</b>	1 2 3 4 5
1:30 PM	<i>Siemens Tour</i>		<b>55</b>	1 2 3 4 5	<b>56</b>	1 2 3 4 5
<b>Tuesday, January 7 - Friday, January 10</b>						
	<i>Poster Sessions</i>		<b>57</b>	1 2 3 4 5	<b>58</b>	1 2 3 4 5

**Course Management**

*Please rate the logistical arrangements.*

On-site assistance	<b>59</b>	1 2 3 4 5
Food service / TUO	<b>60</b>	1 2 3 4 5
Lodging / San Juan	<b>61</b>	1 2 3 4 5

**PROGRAM EVALUATION FORM**  
9<sup>th</sup> UPR/MIT CONFERENCE ON TREN URBANO  
January 7-12, 2003

*Please list other topics or issues that you wish had been covered in the conference.*

*Please list topics or presentations that should be dropped from the program.*

*Recommendations to the presenters:*

*Comments/Criticisms/Compliments/Suggestions*

Name (optional) \_\_\_\_\_