

# Bruce McCarl's GAMS Newsletter Number 13

## New Release - GAMS 21.2

GAMS Corporation is just in the process of releasing version 21.2 of GAMS. It is mainly a maintenance release but does include a beta version of a replacement for the GAMSBAS basis saving program. More details will follow soon.

## Alex Meeraus Birthday

Alex Meeraus has just turned 60. A small celebration is occurring in the near future and a related series of presentations will soon appear on the GAMS web site. If you would like to send in greetings please address them to [birthday@gams.com](mailto:birthday@gams.com).

## Ranking Program

Tom Rutherford and Paul van der Eijk just released a procedure for sorting arrays in GAMS. Details are available through the web page <http://debreu.colorado.edu/gdxrank/>.

## Did you know

A tuple (multi dimensional set) can be used as follows:

```
set link(i,j) linked areas;
link(i,j)$(supply(i) and demand(j) and distance(i,j))=yes;
shiplim(link(i,j)).. ship(i,j)=1=10;
```

where the tuple defines the i,j cases that will have a constraint defined for them.

## Global Optimization Workshop

A workshop is being held in Washington on September 18 on [Global Optimization](#). The workshop will introduce the recently released GAMS global solvers - BARON, LGO, OQNLP - and the MProbe model analyzer. Within this context, the general subject of global optimization and a wide range of its current and potential applications will also be reviewed.

## Courses offered

I will teach [Basic GAMS](#) in Colorado Springs October 6-9, 2003 and [Advanced GAMS](#) in Texas January 12-15, 2004. A basic course will be scheduled for May, 2004. Further information and other courses are listed on <http://www.gams.com/courses.htm>.

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