Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers will be encouraged to present overviews type material rather than mathematical detail.

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers will be encouraged to present overviews type material rather than mathematical detail.

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers will be encouraged to present overviews type material rather than mathematical detail.

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers will be encouraged to present overviews type material rather than mathematical detail.

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers will be encouraged to present overviews type material rather than mathematical detail.

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers will be encouraged to present overviews type material rather than mathematical detail.

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers will be encouraged to present overviews type material rather than mathematical detail.

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses

Computer Graphics and Visualisation 1996 Supporter's Event

Andrew Grant, Terry Hewitt
Computer Graphics Unit,
Manchester Computing

Proposal to AGOCG to subsidise a3 day event for computer centre staff and lecturers

1.0 Introduction

As result of our previous paper to AGOCG *Computer Graphics & Visualization Summer School* we present a revised proposal to provide AGOCG with a 1996 Graphics Supporters Event.

The format will be a 3 day event, with optional 2 days of tutorials, one before and one after. Any financial burden of the extra tutorials will be borne by the University of Manchester.

We present a draft programme and costs. AGOCG are asked to provide a £4,650 subsidy to the event.

2.0 Programme

- The event will focus on bringing graphics supporters up to date. Over the 3 days, we envisage about 18 hours of lectures and demonstrations. The outline programme is shown in Table 1, and lecturers

TABLE 1. Outline Programme

Topic	Lecturer	Time
OpenGL & OpenInventor	W T Hewitt	2 hours
Visualization: covering flow, volume, and multidimensional visualization	A J Grant & S Larkin	6 hours
Virtual Reality Software Tools	N Avis (confirmed)	2 hours
Realistic Rendering on the Cheap	A Watt (confirmed)	2 hours
Java & JavaScript	C Thornborrow (to be contacted)	2 hours
Wavelets	B Bani-Eqbal (Comp. Sci., Mc/r)	2 hours
SIMA Projects	S Cunningham	2 hours

will be encouraged to present overviews type material rather than mathematical detail.

- The event will be held at Manchester Computing on the 18th, 19th and 20th June.

- On Monday 17th June there will be an optional tutorial: *Digitizing & Creating your own Videos*
- On Friday 21st June, there will be an optional tutorial: *Medical Visualization*

3.0 Budget

We present the budget for the 3 days event. Each tutorial will be £50 (+ accomodation) and all financial aspects of these two events will be covered by the University of Manchester.

Fixed costs are shown in Table 2 and variable costs in Table 3.

TABLE 2. Fixed Costs

Item	Cost (£)
Hire of training room for 3 days	600
Expenses for lectures, travel, accommodation & fee (for non-Mc/r staff).	1,050
Posters & publicity	200
Total	1,850

TABLE 3. Variable Costs

Item	Cost(£)
B&B 2 nights	80
Lunch, tea/coffee 3 days	30
Dinner	10
Conference Dinner	20
Notes	5
Total	145

Assuming we charge attendees £75, and that 40 people attend a grant of £4,650 (1850+40*70) is requested to cover the additional costs.

Summary of charges is shown in Table 4.

TABLE 4. Summary of Charges

What	Cost (£)
3 day event only	£75 + their travel
3 day event + 1 tutorial	£175 + their travel
3 day event + 2 tutorials	£275 + their travel expenses