VO auger

Jiří Chudoba

NA4 All Hands meeting, 10.6.2008, Orsay

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Management

- **VO auger was created in 2006 by the Czech group in cooperation with CESNET group METACentrum**
- **METACentrum is a leading National Grid Activity**
- **It operates several clusters on different universities in the CR (Prague, Plzen, Brno)**
- **Experience with the VOCE VO**
- **Central servers required to run the VO:**
  - registration portal, VOMS server, LFC, WMS, LB

Registration

- **Get a X509 certificate from your CA**
- **Import certificate into your web browser**
- **Fill a form on https://auger-register.farm.particle.cz/auger/**
- **Answer to a confirmation mail**
- **Requests are stored in PERUN - Oracle db**
- **Wait for an approval**
  - Jan Řídký asks national contacts
  - JCh enters in the VOMS server
- **PERUN propagates information to the UI**
  - automatic propagation to VOMS server in preparation
- **Check on the VOMS server:**
  - https://skurut19.cesnet.cz:8443/voms/auger/webui/admin/users/list

Registration portal

File Edit View History Bookmarks Tools Help

https://auger-register.farm.particle.cz/auger/

Google | DDM Dashboard Prod | JiriChudoba < Main <... | Index of /chudoba/m... | Merriam-Webster Online | Seznam Slovník | GGUS random

AutoPilot ... | Dashboar... | Panda mo... | Worker no... | Auger Gri... | VOMS - Vir... | Google Ca... | VO AU...

VO AUGER REGISTRATION

For detailed information see **VO AUGER homepage**. If you encounter problem during registration please contact **auger@cesnet.cz**

IMPORTANT: By submitting this information you agree that it may be distributed to and stored by VO AUGER and site administrators, that action may be taken to confirm the information you provide is correct, that it may be used for the purpose of controlling access to VO AUGER resources and that it may be used to contact you in relation to this activity.

Family name:	Chudoba
Name:	Jiri
Institute:	Institute of Physics of the Academy
Phone number:	
Address:	
Email:	
Certificate DN:	/DC=cz/DC=cesnet-ca/O=Institute of Physics of the Academy of Sciences of the CR/CN=Jiri Chudoba

I have read and agree to the VO AUGER Usage Rules

I DO NOT agree to the VO AUGER Usage Rules

Lukas Fiala

Find: ias118 | Next | Previous | Highlight all | Match case | Phrase not found

Done | auger-register.farm.particle.cz

VOMS server

File Edit View History Bookmarks Tools Help

https://skurut19.cesnet.cz:8443/voms/auger/webui/admin/users/list

Google | DDM Dashboard Prod | JiriChudoba < Main <... | Index of /chudoba/m... | Merriam-Webster Online | Seznam Slovník

oPilot ... | Dashboar... | Panda mo... | Worker no... | Auger Gri... | VOMS ... | Google Ca... | VO AUGE...

Virtual Organization Membership Service

The **auger** VO

Administration » Users » List of users

- ADMINISTRATION
- USERS
  - LIST OF USERS
  - SEARCH FOR USERS
  - CREATE A NEW VO USER
- GROUPS
  - LIST OF GROUPS
  - SEARCH FOR GROUPS
  - CREATE A NEW GROUP
- ROLES
  - LIST THE ROLES
  - SEARCH FOR ROLES
  - ADD A NEW ROLE
- GLOBAL ACL

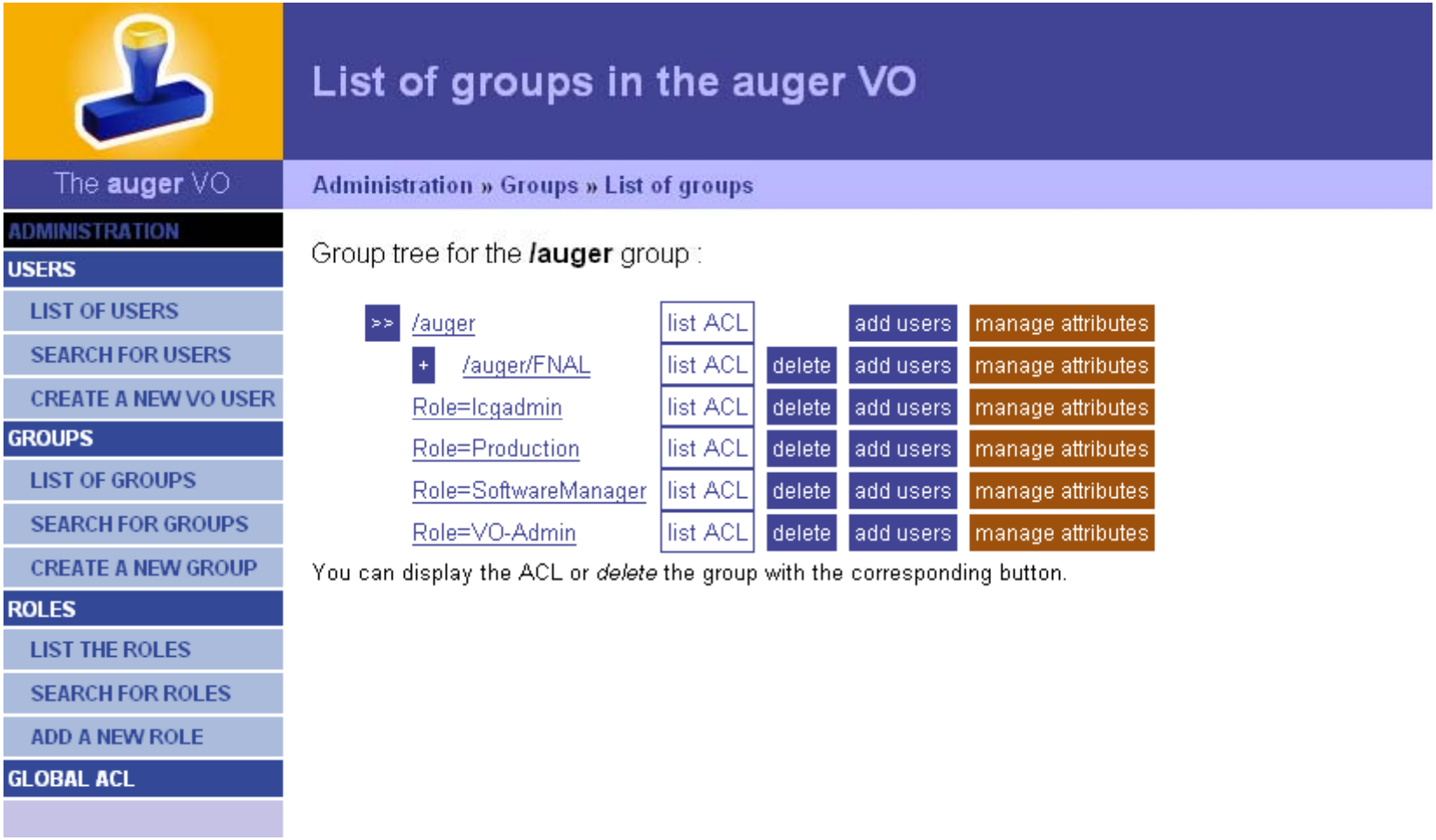
There are 34 users in /auger :

/DC=cz/DC=cesnet-ca/O=Institute of Physics of the Academy of Sciences of the CR/CN=Jiri Chudoba - auger	edit	remove	manage attributes
/DC=org/DC=doegrids/OU=People/CN=Aaron Chou 487687	edit	remove	manage attributes
/DC=cz/DC=cesnet-ca/O=Institute of Physics of the Academy of Sciences of the CR/CN=Petr Necesal	edit	remove	manage attributes
/DC=cz/DC=cesnet-ca/O=Institute of Physics of the Academy of Sciences of the CR/CN=Tomas Kouba	edit	remove	manage attributes
/DC=cz/DC=cesnet-ca/O=Institute of Physics of the Academy of Sciences of the CR/CN=Radomir Smida	edit	remove	manage attributes
/DC=cz/DC=cesnet-ca/O=CESNET/CN=Jaroslava Schovancova - AUGER	edit	remove	manage attributes
/DC=cz/DC=cesnet-ca/O=Institute of Physics of the Academy of Sciences of the CR/CN=Petr Travnicek	edit	remove	manage attributes

Find: ias118 | Next | Previous | Highlight all | Match case | Phrase not found

Done | skurut19.cesnet.cz:8443

Groups

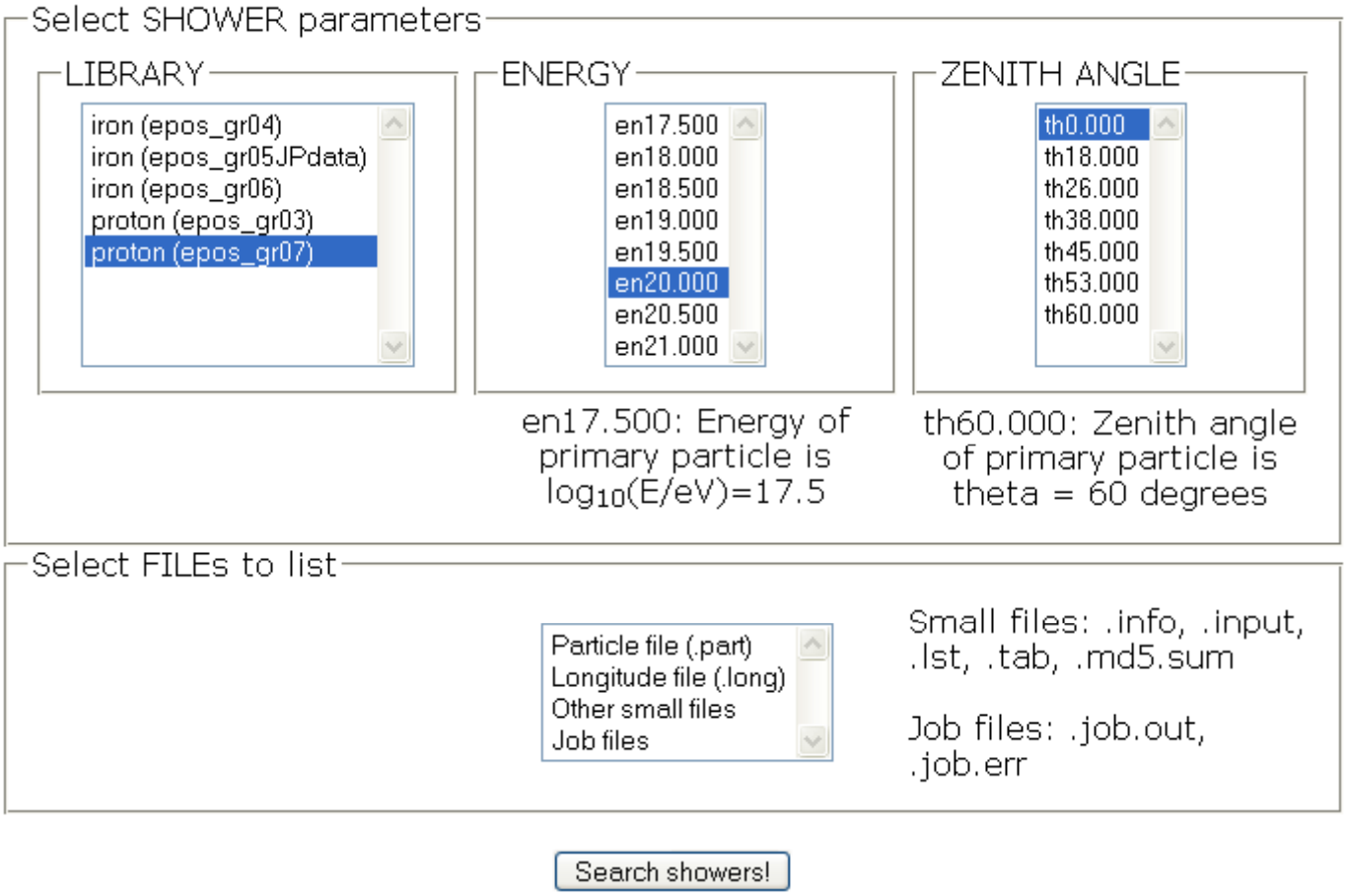

List of groups in the auger VO
The auger VO
Administration » Groups » List of groups
ADMINISTRATION
USERS
LIST OF USERS
SEARCH FOR USERS
CREATE A NEW VO USER
GROUPS
LIST OF GROUPS
SEARCH FOR GROUPS
CREATE A NEW GROUP
ROLES
LIST THE ROLES
SEARCH FOR ROLES
ADD A NEW ROLE
GLOBAL ACL
Group tree for the /auger group :
>> /auger list ACL add users manage attributes
+ /auger/FNAL list ACL delete add users manage attributes
Role=lcgadmin list ACL delete add users manage attributes
Role=Production list ACL delete add users manage attributes
Role=SoftwareManager list ACL delete add users manage attributes
Role=VO-Admin list ACL delete add users manage attributes
You can display the ACL or delete the group with the corresponding button.

Production files - db

epos_gr07 YES NO LONGO dont-know-yet	th0.000	th18.000	th26.000	th38.000	th45.000	th53.000	th60.000
en17.500	2801 2802	2851 2852	2901 2902	2951 2952	3001 3002	3051 3052	3101 3102
	2803	2853	2903	2953	3003	3053	3103
	2804 2805	2854 2855	2904 2905	2954 2955	3004 3005	3054 3055	3104 3105
	2806	2856	2906	2956	3006	3056	3106
	2807 2808	2857 2858	2907 2908	2957 2958	3007 3008	3057 3058	3107 3108
	2809	2859	2909	2959	3009	3059	3109
	2810 2811	2860 2861	2910 2911	2960 2961	3010 3011	3060 3061	3110 3111
	2812	2862	2912	2962	3012	3062	3112
	2813 2814	2863 2864	2913 2914	2963 2964	3013 3014	3063 3064	3113 3114
	2815	2865	2915	2965	3015	3065	3115
	2816 2817	2866 2867	2916 2917	2966 2967	3016 3017	3066 3067	3116 3117
	2818	2868	2918	2968	3018	3068	3118
	2819 2820	2869 2870	2919 2920	2969 2970	3019 3020	3069 3070	3119 3120
	2821	2871	2921	2971	3021	3071	3121
	2822 2823	2872 2873	2922 2923	2972 2973	3022 3023	3072 3073	3122 3123
	2824	2874	2924	2974	3024	3074	3124
	2825 2826	2875 2876	2925 2926	2975 2976	3025 3026	3075 3076	3125 3126
	2827	2877	2927	2977	3027	3077	3127
	2828 2829	2878 2879	2928 2929	2978 2979	3028 3029	3078 3079	3128 3129
	2830	2880	2930	2980	3030	3080	3130
	2831 2832	2881 2882	2931 2932	2981 2982	3031 3032	3081 3082	3131 3132

- http://hpv2.farm.particle.cz/~schovan/auger_db/

List of production files



- http://hpv2.farm.particle.cz/~schovan/auger_db/selection_form.php

List of available files

```
##################################################
### Your selection:
###
### LIBRARY: proton(epos_gr07);
### ENERGY: en20.000;
### ZENITH ANGLE: th0.000;
##################################################
...
lfn:/grid/auger/prod/epos_gr07/en20.000/th0.000/DAT004551.part
lfn:/grid/auger/prod/epos_gr07/en20.000/th0.000/DAT004552.part
lfn:/grid/auger/prod/epos_gr07/en20.000/th0.000/DAT004553.part
lfn:/grid/auger/prod/epos_gr07/en20.000/th0.000/DAT004554.part
lfn:/grid/auger/prod/epos_gr07/en20.000/th0.000/DAT004555.part
lfn:/grid/auger/prod/epos_gr07/en20.000/th0.000/DAT004556.part
lfn:/grid/auger/prod/epos_gr07/en20.000/th0.000/DAT004557.part
lfn:/grid/auger/prod/epos_gr07/en20.000/th0.000/DAT004558.part
...
```

Auger Grid Workshop

- 3 days in April, Prague
- Basic information about VO auger for new users
- Overview of work done
- Site contacts
- Access to files – tutorial
- Demo and tutorial for production framework
- Plans for further simulations

Support

- **CESNET is the Czech partner in the EGEE project (Enabling Grids for E-SciencE)**
- **EGEE-II supported Auger in the NA4 Generic Applications task**
- **EGEE-III :**
  - *No CESNET manpower for Generic Applications in the EGEE III*
  - *Auger is not supported in the Astrophysics cluster*
- ***CESNET will continue to support the VO auger***
  - *registration portal, maintenance of servers, rt system,...*
  - *but we need manpower for production, software installation, ...*
  - *Auger collaboration will contribute (Institute of Physics, Prague, ...)*