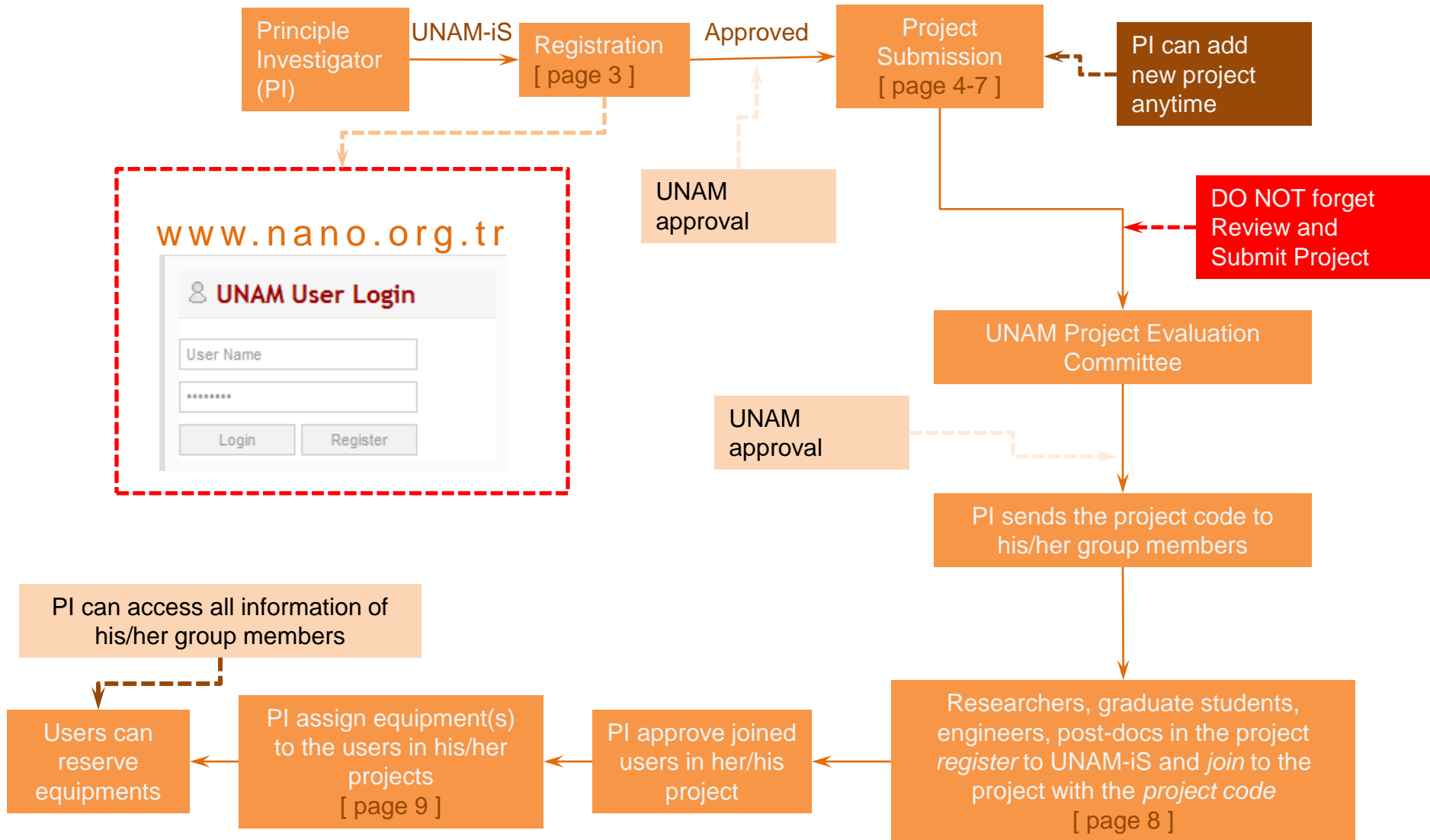


HOW TO USE UNAM-iS?



MEHMET BAYINDIR

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INSTITUTE OF MATERIALS SCIENCE AND NANOTEHNOLOGY
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UNAM User Registration

Please read carefully!

UNAM facilities are available only for registered users.

In order to register, please carefully complete the registration form in English. Registered users can propose projects to UNAM by using the projects tab.

However, to be able to propose a project to UNAM you have to be the principal investigator (PI) of the project.

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Institution

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Department

UNAM

City

Ankara

Position

Asst. Prof

Notes:

1. Undergraduate students can not use UNAM-IS

2. Post-docs, engineers, technicians select *Researcher*

Address

UNAM 205a, Bilkent University,
Ankara 06800

Area of Expertise

Nanophotonics
Fiber devices
Functional surfaces

Username

bayindirm

Password

.....

Password Again

.....

Attention: Please tick, if you are a Principle Investigator

ONLY PI (Prof., Assoc. Prof., Asst. Prof. , researcher)

Register

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In order to use UNAM facilities, you have to complete the necessary project forms. Please click on "Start Creating Your Project" tab and carefully fill in all areas. After you submit your project, UNAM Project Evaluation Committee will review your submission and contact you via e-mail. Please upload any documents that will be helpful during review process.

[Start Creating Your Project](#) ← start

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Step 1: Project Description

Title of the Project

Summary

This project introduces a novel top-down technique to produce metallic, chalcogenide and polymer nanowires and nanotubes with precise control of their number, position, alignment with unlimited length scales (rational design). Using an iterative fiber drawing technique, first a macroscopic sample (preform) is thermally drawn along its axis in a fiber draw tower to obtain microwires and microtubes. As the preform elongates along the axis it is scaled down along the radial axis to become millimeter size fibers. For a typical drawing cycle preform reduction factor is about 20-100x. Using the fibers from the first iteration step, and repeating the drawing cycle any desired number of times, it is possible to obtain 20-500 nm sized thousands or even millions of nanowires and nanotubes, which are embedded in a polymer matrix, at precise location and thicknesses, with unlimited lengths and parallel alignment.

Funding Agencies

Project Start Date

April 2011

Project End Date

April 2014

[Submit](#) ←

This is not start date of your Tubitak/FP7/other projects. Past project start date is not allowed in UNAM-iS, please use a date in current time or in future

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Projects

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Project Title	Project Key	Join Date	PI	Project Status
Polymer encapsulated nanowire and nanotube arrays	QGZDF4F1C2	04/28/11	Mehmet Bayindir	Submission Stage

UNAM-IS

Annotations:
- Red dashed box around "Files" link with arrow pointing to "upload related documents".
- Red dashed box around "Manage" link with arrow pointing to "Click here to manage and submit your project".

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Manage Project

[Projects](#) [Join Project](#) [Create Project](#)

Polymer encapsulated nanowire and nanotube arrays

User Name	Assign Resource	Join Date	Status	Delete
Mehmet Bayindir	Assign Resource	04/28/11	Approved	No Delete

UNAM-IS

Annotation:
- Red dashed box around "Review and Submit Project" button with arrow pointing to "Click here to submit your project".

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Submit Project

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Project Description

[Return Manage Project Page](#)

Project Comments

I would like to use UNAM facility regularly during the period of the project.

I have read and understood the document regarding UNAM usage policies and I agree to abide by the agreement and pay all costs arising from use of the facility.

Signature: Mehmet Bayindir

Date: April 28, 2011

Click here to submit your project

Submit Project

Header	Content
Project Title	Polymer encapsulated nanowire and nanotube arrays
	This project introduces a novel top-down technique to produce metallic, chalcogenide and polymer nanowires

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Projects

Projects Join Project Create a Project

Project Title	Project Key	Join Date	PI	Project Status
Polymer encapsulated nanowire and nanotube arrays Files Manage	QGZDF4F1C2	04/28/11	Mehmet Bayindir	Accepted

UNAM-IS

send this code to your group members
group members can join the project by entering this code

↑ Click here to manage your project

UNAM User Registration

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City

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Position

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Ankara 06800

Area of Expertise

Nanotechnology

Username

yusufb

Password

.....

Password Again

.....

DO NOT tick!

Attention: Please tick, if you are a Principle Investigator

Register

Welcome Yusuf Bayindir UNAM-IS RC 1

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Join Project

Projects Join Project

Project Key

QGZDF4F1C2

Join

UNAM-IS

Welcome Mehmet Bayindir PI UNAM-IS RC 1

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Manage Project

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Polymer encapsulated nanowire and nanotube arrays

User Name	Assign Resource	Join Date	Status	Delete
Mehmet Bayindir	Assign Resource	04/28/11	Approved	No Delete
Yusuf Bayindir	First approve user	04/29/11	Approve	Delete

Welcome Mehmet Bayindir UNAM-IS RC 1

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Manage Project

Projects Join Project Create Project

Polymer encapsulated nanowire and nanotube arrays

User Name	Assign Resource	Join Date	Status	Delete
Mehmet Bayindir	Assign Resource	04/28/11	Approved	No Delete
Yusuf Bayindir	Assign Resource	04/29/11	Approved	Delete

PI assigns resources to users in her/his group